

299PRLFSF548



DocumentID	PRLF025
SITENAME	CRAVEN
DocumentType	Correspondence (C)
RptSegment	1
DocDate	8/27/2010
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Box	SF548
AccessLevel	Public
Division	Waste Management
Section	Superfund
Program	IHS (IHS)
DocCat	Facility

Dave Harvell Asst Manager

Marks, Cheryl

252 444-6400

From: Jesneck, Charlotte
Sent: Friday, August 27, 2010 9:50 AM
To: Marks, Cheryl
Subject: FW: Private wells near dump site concern state | state, dump, officials - Local - Havelock News

Here's a chain of emails regarding the potential Havelock LFs.

-----Original Message-----

From: Matthews, Dexter
Sent: Thursday, August 26, 2010 4:20 PM
To: Jesneck, Charlotte
Subject: FW: Private wells near dump site concern state | state, dump, officials - Local - Havelock News

FYI

-----Original Message-----

From: Matthews, Dexter
Sent: Thursday, August 26, 2010 4:20 PM
To: 'Dave Harvell'
Subject: RE: Private wells near dump site concern state | state, dump, officials - Local - Havelock News

Thanks. Some of Charlotte's staff may want to. I will pass along the information.

Dexter

-----Original Message-----

From: Dave Harvell [mailto:DHarvell@havelocknc.us]
Sent: Thursday, August 26, 2010 4:05 PM
To: Matthews, Dexter; Frank H. Sheffield Jr. - 5507
Subject: RE: Private wells near dump site concern state | state, dump, officials - Local - Havelock News

Dexter,

We are hearing from several of the senior members of the community that MSW and various other debris were dumped at this site. If there is a need to talk to these folks I will attempt to arrange...

Dave H

-----Original Message-----

From: Matthews, Dexter [mailto:dexter.matthews@ncdenr.gov]
Sent: Thursday, August 26, 2010 3:57 PM
To: Frank H. Sheffield Jr. - 5507; Dave Harvell
Subject: RE: Private wells near dump site concern state | state, dump, officials - Local - Havelock News

It was definitely a well attended meeting. Hopefully we will not find any major issues with the sampling. I am aware of the old Craven County landfill across 70. The phoenix site had been previously permitted to dispose of demolition debris (mainly stumps, concrete and brick) Are you saying there was some dumping prior to that on the site? It is not listed as an old pre-regulatory landfill. Of course there are a lot of small sites, not operated as landfills that household waste was dumped prior to the permitting program.

-----Original Message-----

From: Frank H. Sheffield Jr. - 5507 [mailto:FHS@wardandsmith.com]

Sent: Thursday, August 26, 2010 2:22 PM

To: Matthews, Dexter

Subject: FW: Private wells near dump site concern state | state, dump, officials - Local - Havelock News

Dexter, thank you for attending the meeting this morning in Havelock and offering your ideas and support for moving ahead with the assessment and cleanup of the Phoenix Site.

Below is a link that Dave Harvell asked me to forward to you.

We look forward to receiving the results of DWM's site testing and evaluation of whether more work is needed.

Regards,

Frank

Frank H. Sheffield Jr.

Attorney

Ward and Smith, P.A.

1001 College Court (28562) | Post Office Box 867 New Bern, NC 28563-0867

T: 252.672.5507 | F: 252.672.5477 | M: 252.671.5501 www.wardandsmith.com

If you have received this confidential message in error, please destroy it and any attachments without reading, printing, copying or forwarding it. Please let us know of the error immediately so that we can prevent it from happening again. You may reply directly to the sender of this message. Neither the name of Ward and Smith, P.A. or its representative, nor transmission of this email from Ward and Smith, P.A., shall be considered an electronic signature unless specifically stated otherwise in this email by a licensed attorney employed by Ward and Smith, P.A. Thank you.

-----Original Message-----

From: Dave Harvell [mailto:DHarvell@havelocknc.us]

Sent: Thursday, August 26, 2010 1:53 PM

To: Frank H. Sheffield Jr. - 5507

Subject: Private wells near dump site concern state | state, dump, officials - Local - Havelock News

Frank, would you mind sending this Dexter - I could tell he was a little perplexed when we said that the area had previously been a dump to include MSW - not permitted...I do not have his email address...

Again, thanks for your participation in the process.

Dave H

<http://www.havenews.com/news/state-7477-dump-officials.html>

Marks, Cheryl

From: Marks, Cheryl
Sent: Monday, August 30, 2010 7:57 AM
To: 'DHarvell@havelocknc.us'
Subject: dump

We are in the process of attempting to locate old landfills and dumps in your area that were alleged to have operated in the past but were not successfully located. Three were previously not found, Havelock, Matthews Point and Belltown. We have located the Belltown Road dump but have not had any new leads on the other two. It is my understanding that you may have some information that could assist us in this process. Please provide to me a list of suspected dumps and or landfills along with the location (address) of each that may be in your records or reported to you. Thank you for your assistance in this matter.

Cheryl Marks, Pre-Regulatory Landfill Unit Supervisor
Inactive Hazardous Sites Branch, Superfund Section
1646 Mail Service Center
Raleigh, NC 27699-1646
(919) 508-8465

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.

Marks, Cheryl

From: Marks, Cheryl
Sent: Monday, August 30, 2010 4:04 PM
To: 'Dave Harvell'
Subject: RE: landfill.pdf - Adobe Acrobat Standard

Thank you for the update. I am unaware of the Phoenix site operating as an unpermitted dump...there is no information in the files to support that rumor.

From: Dave Harvell [mailto:DHarvell@havelocknc.us]
Sent: Monday, August 30, 2010 1:50 PM
To: Marks, Cheryl
Subject: landfill.pdf - Adobe Acrobat Standard

Cheryl,

In conversation with a couple old timers...the attached map reflects where they said a landfill existed – Craven County Landfill. There is existing and operational small “convenience center” operated by Craven County on the property referred to the Hickman Hills Center. It was stated that the landfill on Belltown Road is what they referred to as the Havelock dump...

I have heard thru the blogs and rumors : that the Phoenix site was also a unpermitted dump prior to the permitted processing facility...do you have any information on this rumor? I will ask the senior community members what they recall...

Please let me know if I can be of any assistance in this endeavor.

Thanks
Dave Harvell

David M. Harvell ~ ICMA-CM
Assistant City Manager
City of Havelock
1 Governmental Avenue
Havelock, NC 28532

Office: 252-444-6430
Mobile: 252-670-8732
Work Hard...Get Lucky!



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

1/21/2010

Mr. Harold Blizzard
Craven County Manager
406 Craven Street
New Bern, NC 28560

Subject: Pre-Regulatory Landfill Sites in Craven County

Dear Mr. Blizzard:

The General Assembly of North Carolina enacted Senate Bill 1492 which created a program to assess the public health and environmental hazards at landfill and dump sites that operated prior to 1983 and to develop and implement remedial action plans at sites requiring remediation. The Pre-Regulatory Landfill Unit (Unit) was created in the Inactive Hazardous Sites Branch (IHSB) to oversee these activities. The purpose of this letter is to make you aware of the sites identified in your county and to provide general guidance of relevant state statutes.

Based on the information obtained by the Unit, the sites listed below tentatively qualify under Senate Bill 1492.

<u>ID Number</u>	<u>Site Name</u>	<u>Site Address</u>
NONCD0000779	Cherry Point Landfill	Cherry Point MCAS, Cherry Point
NONCD0000259	Dover Refuse Dump	13530 Old US 70, Dover
NONCD0000258	Havelock Refuse Dump	Unknown (SR1746 ?), Havelock
NONCD0000261	Craven County	7673 US 70, Havelock
NONCD0000780	Belltown Road Dump	302 Belltown Rd, Havelock
NONCD0000263	New Bern Sanitary Dump	Pembroke Rd & US 70, New Bern
NONCD0000260	Vanceboro Dump	Mill Ave, Vanceboro
NONCD0000262	Vanceboro Landfill	Old Landfill Rd, Vanceboro

Work at these sites may be performed using the Unit's resources or through local government actions. The Unit has prioritized the sites statewide based on their threat to public health and the environment and will perform assessments and implement remedial actions based on this priority. Local governments may opt to perform the work at any time under the guidance of the Unit. Reimbursement of local government costs may be available for assessments and remedial actions to abate an imminent hazard as funds are available. The conditions for reimbursement include approval of the assessment and remediation plan by the Unit and certified accounting of costs. A document, *IHSB Guidelines for Addressing Old Landfills &*

Dumps, was developed to assist local governments and the Unit in this work. It is available on our web site, http://wastenotnc.org/sfhome/IHSBRNCH_OldLandfills.HTM, for your review.

An additional purpose in notifying you of these sites is to provide information to assist in your responsibilities in the permitting of private drinking water wells. The General Assembly enacted legislation which required local health departments to implement programs for the permitting, inspecting, and testing of private drinking water wells by July 1, 2008. State well construction standards in 15A NCAC 2C require a minimum horizontal separation of 500 feet between a water supply well and a landfill or disposal site. More precise location information for the sites in your county may be requested from the Unit.

If you are aware of additional sites, have additional information on the identified sites, or need further information, please contact me at (919) 508-8484.

Sincerely,



Aaron Shear, Hydrogeologist
Pre-Regulatory Landfill Unit
Inactive Hazardous Sites Branch
Superfund Section

cc: Mr. Ray Silverthorne – Craven County Environmental Health Director



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

February 26, 2007

<SAL> <FIRST> <LAST>, County Manager
County of <MUNICIPALITY>
<ADDRESS>
<TOWN>, North Carolina <ZIP>

Subject: Assessment, Cleanup, and Redevelopment of Old Landfill Sites Within Your Jurisdiction

Dear <SAL> <LAST>:

Governor Easley released his proposed budget February 22, 2007. Included in the budget is a specific item I believe should be of interest to you from a fiscal, environmental and public health protection perspective.

There are approximately 700 old landfills statewide and <LANDFILL#> old landfills in your local area that closed before the State permitting system became effective. These landfills are listed on the Old Landfill Sites portion of the Inactive Hazardous Sites Inventory maintained by the Superfund Section, Division of Waste Management. Any person, including local governments, that arranged for disposal or disposed of waste in the landfills may be held liable for the cleanup of the site. I have attached a report that identifies the location of known old landfill sites in <COUNTY NAME> County that may have closed prior to 1983 and thus qualify for the program described in this letter.

The Division has surveyed old landfills in 47 counties. The results of the survey indicate reason for concern about potential public health and safety impacts of these sites if they are not addressed. Seventy percent of the sites surveyed had a school, church, residence, day care or drinking water source within 1000 feet. The Division has found 102 old landfills that have a drinking water well within 500 feet. Thirteen of the landfills surveyed have residences built over the old landfill. The cost of assessment and cleanup of these old landfill sites can be as high as several million dollars.

Governor Easley's budget establishes a partnership between the State and local governments to both clean up the old landfill sites and provide funding for redevelopment of the sites. Many are in prime locations for redevelopment opportunities. The Governor's budget proposes to pay for cleanup and redevelopment of these sites through a surcharge on disposal of solid waste. The funding mechanism is a fair one. It is based on the idea that those who use solid waste disposal facilities should share responsibility for cleanup of sites used for solid waste disposal in the past that may have been lawful at the time, but did not meet standards that we now know are necessary to protect public health and safety.

The proposed \$2.00 per ton disposal surcharge would apply to residential, commercial, industrial, and construction and demolition debris type waste that is either disposed at a landfill or passes through a transfer station for disposal out-of-state. The State would use revenue from the surcharge to contract for cleanup of the old landfill sites and to provide grants to local government for redevelopment. The funds could also be used across the state to clean up other hazardous substance disposal sites that have no viable responsible party.

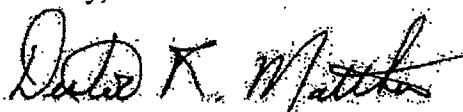
The only tool currently available to the State to ensure cleanup when it is needed is an enforcement action against those who owned, operated, or contributed to old landfills. The Governor's proposal would avoid placing an unreasonable

burden on any one local government and allow us to use our resources for actual cleanup rather than legal action. When old landfill sites were in use, North Carolina citizens, businesses, and industries benefited from their existence as a place to dispose of waste. The surcharge on waste disposal is a way for citizens, businesses, and industries to form a partnership for cleanup and redevelopment of these old landfill sites.

There is great interest this session of the General Assembly in strengthening requirements for landfills permitted in North Carolina. I encourage you to take a close look at legislation that will be introduced, specifically this initiative and what it can bring to your jurisdiction.

If you have questions regarding the program for clean-up of old landfills, please contact Jack Butler, Chief of the Superfund Section, at jack.butler@ncmail.net or call (919)508-8450.

Sincerely,

A handwritten signature in dark ink, appearing to read "Dexter R. Matthews". The signature is fluid and cursive, with the first name "Dexter" being more prominent.

Dexter R. Matthews, Director

cc: David Thompson, NCACC
Jack Butler, Chief – Superfund Section



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

February 27, 2007

<SAL> <FIRST> <LAST>
<TITLE>, <MUNICIPALITY>
<ADDRESS>
<TOWN>, North Carolina <ZIP>

Subject: Assessment, Cleanup, and Redevelopment of Old Landfill Sites Within Your Jurisdiction

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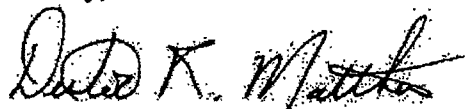
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There is great interest this session of the General Assembly in strengthening requirements for landfills permitted in North Carolina. I encourage you to take a close look at legislation that will be introduced, specifically this initiative and what it can bring to your jurisdiction.

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Sincerely,

A handwritten signature in dark ink, appearing to read "Dexter R. Matthews". The signature is fluid and cursive, with the first name "Dexter" being more prominent.

Dexter R. Matthews, Director

cc: Ellis Hankins, NCLM
Jack Butler, Chief – Superfund Section

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

MICHAEL F. EASLEY, GOVERNOR
WILLIAM G. ROSS, JR., SECRETARY
DEXTER R. MATTHEWS, DIRECTOR



MEMORANDUM

TO: Paul Crissman
Special Waste Branch
Solid Waste Section

FROM: John Walch *JW*
Inactive Hazardous Sites Branch
Superfund Section

DATE: July 25, 2002

RE: Possible Tire Dumps

Attached are site inspection reports for the Belltown Road Dump and Matthews Point Dump in Havelock, Craven County. These reports were discovered in the Solid Waste Section files by our contractor S&ME. S&ME was attempting to locate information on another old landfill as part of the Hurricane Floyd landfill contract that the Inactive Hazardous Sites Branch is overseeing.

After reviewing the inspection reports it appears that a significant amount of old tires were observed at each of these sites. I don't know if you are aware of these sites or if they are eligible for the scrap tire program.

Attachments



BOARD

Craven
William M. Wilson, Chairman
William C. Moore, Jr., D.M.D., Vice-Chairman
I. DeQuincey Newman, Secretary
Leonard W. Douglas, M.D.
George G. Graham, D.D.S.
J. Lorin Mason, Jr., M.D.
C. Maurice Patterson
Subc

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Albert G. Randall, M.D., M.P.H.
Commissioner

November 2, 1978

Sims-Aycock Buildings
2600 Bull Street, Columbia, SC 29201

Ms. Judy L. Collins
Texfi Industries
P.O. Box 2624
New Bern, North Carolina 28560

IN RE: Various Chemical Waste
Roebuck Systems, Inc.
Spartanburg County



Dear Ms. Collins:

This office hereby grants approval for disposal of the above referenced waste at Roebuck Systems, Inc., Roebuck, South Carolina. This approval is as requested in your letter of September 12, 1978. Approval is for approximately 33 (55 gallon) drums of various chemical waste as described.

Transport of this material must be in such a manner to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Texfi Industries and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Texfi Industries must fill out completely the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Ms. Judy L. Collins
Page Two
November 2, 1978

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Also, this approval is only valid for disposal at the referenced site.

Your cooperation with this office is appreciated. If you have any questions, feel free to call on us.

Sincerely,

A handwritten signature in cursive script, reading "James R. Ullery".

James R. Ullery, Environmental Engineer
Industrial Waste Section
Solid Waste Management Division

JRU/kk

cc: Bill Buffington
Ron Garrett
Sidney Usry

Craven
SR

August 4, 1978

Mrs. Betty C. Davis
Route 1, Box 1730
Havelock, North Carolina 28532

Dear Mrs. Davis:

Your letter of July 21, 1978, to the N. C. Department of Natural Resources and Community Development, requesting assistance with a solid waste disposal and drainage problem, has been forwarded to this office for reply.

I am asking Mr. Fred J. Wood, District Sanitarian, to visit with you as soon as he is in the area and make a recommendation to solve the problem.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section.

OWS/wes

cc: Mr. Fred J. Wood
Mr. Alton D. Harris
Mr. Paul Sebo

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

OMBUDSMAN CASE FORM

Name Betty C. Davis
 Address Rte 1, Box 173 C
 City Havelock, N.C. 28532
 Telephone — Business _____ Home _____

CASE NUMBER	DATE	COUNTY	REFERRED TO	REPLY ON OR BEFORE	TAKEN BY
451	7/26	craven	ow. Strickland	in 5 days	Yelverton

Origin

HOTLINE	GOV. OFF.	GOV. OMB.	SEC. OFF.	PEOPLES DAY	OTHER
<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
WRITTEN	VISIT	PHONE	OTHER		
<input checked="" type="checkbox"/>					

☒ Reply noting referral from Ombudsman's Office

☐ Investigate & furnish this office with necessary information to respond.

☐ Draft reply for Secretary's signature ☐ Ombudsman's signature ☐ Other

☐ Immediate telephone response requested.

☐ For your information — no response required.

* Please send us a copy of your reply.

Synopsis of request

The yard next to the citizen's property has a junk hole in it full of old tires, freezers and etc. Each time that it rains the junk is flooded out of the hole and on her property. She is afraid that it might cause damage. She would like to know if she can let the water run into a sound near the property.

Action taken & date

7/26 Sebo's office
 7/31 Cathy Lee referred me to solid waste
 7/31 Mr. ow. Strickland said that he would handle the case when I (intern) called him.
 7/31 sent to Strickland.

RECEIVED
JUL 24 1978
OFFICE OF THE SECRETARY
N. C. DEPT. OF NATURAL
RESOURCES & COMMUNITY
DEVELOPMENT

Betty C Davis
Rt-1-Box-173 C
Havelock NC
28532

Hi.

We have some land on the water
front of a sound.

What with all the new laws &
rules, I am confused, as to
what I can & can't do -

after one big storm years ago.

all the junk washed out of
the holes of another yard.

& into ours - No damage to speak
of. They had ref. frozen stores
had springs, you name it

II
They had it. Now the holes are
filled with about 10 feet of
tires, frozen, ref. and I don't
know what else.

I worry about if we have another
big storm, they will land on my
land. This time doing damage -
also - there is a fresh water swamp
next to our land. Can we let the
water out is to the sound.

Hope you can send me the info

Thanks

Betty C Davis

February 17, 1978

Mr. Charles Hargett
Route 3, Box 20A
New Bern, North Carolina 28560

Dear Mr. Hargett:

I am writing you regarding a solid waste disposal dump, located on State Road 1217, just off Pembroke Road. It is my understanding this dump area is owned and operated by you.

Mr. C. H. Hamm, Sanitarian Supervisor with the Craven County Health Department, received a complaint from the Craven County Fire Marshall about waste burning on this site.

Mr. Hamm and I inspected this site on February 15, 1978 and found it as described by the Fire Marshall. There was a large amount of stumps and other woodwaste as well as a considerable amount of household type garbage. We were able to determine the origin of much of the household waste by the names and addresses found at the site.

Mr Hargett, you are in violation of State Law by operating an unpermitted solid waste disposal site. You have until March 6, 1978 to either remove all this waste, or compact and cover it with at least two (2) feet of cover dirt. It is also your responsibility to install a fence, or other means to prevent unauthorized entrance to the site.

I am enclosing a copy of the "Solid Waste Management Rules" for your information. You may want to discuss this with your attorney, or I feel sure Mr. Hamm at the Health Department will discuss this with you. You can also contact me at 404 St. Andrews Street in Greenville, N. C., phone number 756-1343.

I plan to inspect your site again on or about March 7, 1978. If I can be of any assistance to you before that time, please let me know.

Sincerely,

Fred J. Wood
District Sanitarian
Solid Waste and Vectrol Control Branch
Sanitary Engineering Section

/ae

cc: Mr. Alton Harris
Mr. O. W. Strickland

Craven
JSH

December 16, 1977

Mr. Ben Ellington, Director
Department of Public Works
City of New Bern
Post Office Box 1129
New Bern, North Carolina 28560

Dear Mr. Ellington:

I have received the Refuse Contract that you mailed to me on November 23, 1977.

Everything seems to be covered well. I really have no comments other than it looks good.

I can't tell you how important it is for the City of New Bern to make a decision concerning the landfill within a very reasonable time. It would be my recommendation that you notify the County at the very earliest moment when you plan to start using the County site as I believe they have requested a two-month notice.

Please let us know if we can be of assistance.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OWS/vss

cc: Mr. Fred J. Wood



BEN ELLINGTON, DIRECTOR

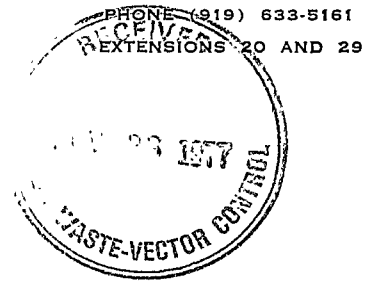
City of New Bern

Public Works Department

P. O. Box 1129

New Bern, N. C.
28560

November 23, 1977



Mr. O. W. Strickland
Supervisor
Solid Waste Management Unit
N. C. Department of Human Resources
Raleigh, North Carolina 27602

Re: Your telephone conversation with Mr. J. C. Outlaw, City Manager
November 23, 1977.

Dear Mr. Strickland:

We appreciate your comments concerning our landfill today and will endeavor to follow your advice.

Please find enclosed a copy of the proposed Refuse Contract drawn by Dyneteria, Incorporated of Dunn, North Carolina. We will appreciate your reviewing the contract and offering any comments which you may have.

Again, thank you for your cooperation and advice.

Sincerely yours,

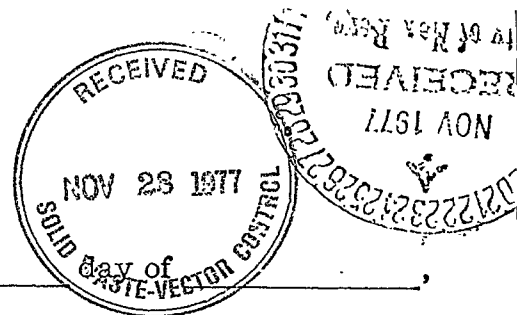
Ben Ellington
Ben Ellington, Director
Department of Public Works

BE:mw

cc: Mr. J. C. Outlaw, City Manager

"Help Keep Our City Green and Clean"

REFUSE CONTRACT



THIS CONTRACT, made and entered into this _____, 1977, by and between the CITY OF NEW BERN, a municipal corporation located in the County of Craven, State of North Carolina, hereinafter referred to as the "City", and DYNETERIA, INC. of the City of Dunn, County of Harnett, State of North Carolina, hereinafter referred to as "Contractor".

In consideration of the several provisions hereinafter contained, it is agreed between the City and the Contractor as follows:

1. Term. The term of this contract shall be for a period of three (3) years, beginning February 1, 1978, and ending a midnight on January 31, 1981.
2. Performance-Duties. The Contractor shall furnish all equipment and personnel and collect all refuse, as hereinafter described, within the City of New Bern from the rear yards, curb side, property line, or rear alley, and transport said refuse to a disposal area designated by the City within Craven County located approximately sixteen miles northwest of the city.
3. Compensation to Contractor. The City shall pay the Contractor the sum of Four Hundred Fifty-Eight Thousand Nine Hundred Ninety Eight Dollars (\$458,998) for the fiscal year beginning February 1, 1978; thereafter, the base price shall be increased or decreased for ensuing years as set forth in the price adjustment clause of this contract.
4. Schedule of Payments. The payment shall be made by the City to the Contractor on the first (1st) and fifteenth (15th) day of each month during each fiscal year in approximately equal installments.
5. Additional Compensation; Extraordinary Circumstances; Relocation of Disposal Site. The Contractor shall provide additional service required by the City Manager to collect and transport unusual accumulation of refuse caused by storms or civil disorder and shall receive reasonable compensation therefor. In the event of a material change in the location of the disposal area, the Contractor shall, upon prior approval of the City Manager, be compensated for necessary additional expense.
6. Schedule of Service. The Contractor shall maintain the following collection schedule:

(a) Refuse of decomposable nature shall be collected from commercial establishments each day except Sundays and holidays.

(b) Collection of refuse from residents shall be made on Mondays and Thursdays, or, on Tuesdays and Fridays, except holidays; but in any event, not less than twice weekly;

(c) Remains of dogs, cats, and other small and similar animals shall be immediately removed upon notification during the hours of 8:00 a.m. and 5:00 p.m. workdays except holidays.

(d) Tree limbs, brush, and other trash, except loose leaves, at the curbside on a schedule of not less than one time per week throughout the city.

7. Communication with Residents. The Contractor shall maintain a business office equipped with a telephone within the City and have a representative available between the hours of 8:00 a.m. and 5:00 p.m. weekdays, excluding holidays, for the purpose of communicating with the residents by telephone regarding the collection of refuse.

8. Indemnification. The Contractor shall indemnify and save the City harmless from any claim, liability, or loss, arising from any act or failure to act on the part of the Contractor or any of its agents and employees in the performance of this contract.

9. Liability Insurance. The Contractor shall, at its expense, maintain liability insurance with an insurance company licensed to do business in the State of North Carolina. The insurance shall provide minimum liability limits of \$100,000 for personal injury or death to any one person, \$300,000 for personal injury or death to two or more persons in any one occurrence, and \$50,000 for damage to property resulting from any one occurrence.

10. Performance Bond. The Contractor shall maintain in full force and effect for the term of this contract, at its expense, a bond approved by the City Manager in an amount of Twenty-Five percent of the amount of the annual contract price conditioned on the faithful performance of the Contractor of all of the terms, conditions and covenants contained in the contract. If the Contractor fails to comply with any one or more of the provisions of the contract, there shall be recoverable, jointly and severally, from the principal and surety of such bond,

6.5. 200 individual surety

any damages or losses suffered by the City as a result thereof. Said bond shall provide for sixty (60) days prior written notice cancellation, material change, or intention not to renew such bond, to be given to the City. Damages recovered by the City from the surety shall not be construed to excuse faithful performance by the Contractor or limit the liability of the Contractor under the contract or for damages, either to the full amount of the bond or otherwise, or preclude exercise of other right or remedy allowed by law, whether exercise concurrently or subsequently.

11. Workmen's Compensation Insurance and Employee Benefits. The Contractor shall maintain appropriate workmen's compensation insurance, unemployment insurance, comply with the requirements of the Occupational Safety and Health Act, and further comply with all State and Federal regulations regarding working conditions and employee benefits.

12. Purchase of Equipment from the City. The Contractor agrees to purchase and the City agrees to sell and make available to the Contractor, upon commencement of service pursuant to this contract, the following list of equipment:

Vehicle and Model

1. F2 1967 Ford Packer - side loader - Truxmore 23 cubic yards
2. F3 1967 Ford Packer - side loader - Truxmore 23 cubic yards
3. F4 1967 Ford Packer - rear loader - Leach 20 cubic yards.
4. F11 1966 Chev. Packer - side loader - Truxmore 23 cubic yards
5. F26 1970 Int. Packer-side loader-Truxmore 23 cubic yards
6. F27 1972 Ford Packer-rear loader-Leach 20 cubic yards
7. F29 1972 Int. Packer - rear loader-Leach 20 cubic yards
8. F30 1973 Brockway Diesel Packer-rear loader-Garwood 25 cu. yd.
9. F32 1975 Ford Packer - rear loader-Leach 20 cubic yard
10. F33 1977 Ford Packer Diesel-rear loader-Pakmore 20 cubic yards
11. F35 1977 Ford Packer Diesel-rear loader-Pakmore 20 cubic yards

The City warrants and represents the equipment to be in good condition save ordinary wear and tear. The Contractor shall pay the City a sum of Sixty Thousand Dollars (\$60,000) for the equipment upon transfer of title to the equipment free of liens and encumbrances.

13. Option to Cancel this Contract. The City may cancel this contract for any reason upon ninety (90) days written notice; provided, the City purchases the equipment then owned by the Contractor used in connection with the performance of this contract. After one years service, the Contractor may cancel this contract for any reason by giving ninety (90) days written notice. In such event, the City is not obligated, but has the option to purchase the equipment as herein provided.

14. Purchase Price of Equipment in event of cancellation. Upon cancellation of the contract and the exercise of the rights and options provided in the foregoing paragraph, the purchase price shall be determined by reducing the cost of the equipment by a monthly depreciation charge for the number of months the equipment has been used on the date purchased by the City. The monthly depreciation charge is determined by dividing the cost of the equipment by sixty (60) months. To determine the number of months used, less than 15 days shall be dropped and 15 days or more shall be added as a full month. The use period begins with the date of purchase by the Contractor and shall run to the date of purchase by the City.

15. Upon Breach of Condition. That in the event either party hereto shall breach any material term or condition of this contract, the aggrieved party may give written notice to the breaching party specifying the acts and omissions constituting the alleged breach; that if the breaching party shall have failed to cure or correct such breach within thirty (30) days of the receipt of such written notice, the aggrieved party may terminate this agreement and exercise such other rights as are provided herein and by law for breach of contract; provided, however, that if a specified breach can be cured by acts which require a period of time to complete, such breach shall be deemed cured if within thirty (30) days following the receipt of written notice of breach, the breaching party shall have commenced the curing of such breach and shall thereafter diligently and continuously cause the same to be prosecuted to completion within a reasonable time.

16. Price Adjustments

A. Cost of Living Adjustments shall be made pursuant to the terms of the Contractor's letter to the City, dated August 10, 1977.

B. The base price is established on the premise that there are approximately 5,200 residential customers to be serviced and 450 commercial establishments of which 71 establishments own containers serviced by a rear loading garbage packer. In the event the residential customers or the commercial establishments shall vary in excess of 1%, the base price shall be adjusted as follows:

Residential Customers \$ 5.15 per month

Commercial Establishment \$ 25.50 per month

The variance shall be reviewed quarterly.

C. Annexation of additional areas to be serviced, residential or commercial, shall be negotiated.

17. Definitions. Definitions pertaining to refuse set forth in the City Code are incorporated herein by reference. Holidays as herein defined are New Year's Day, Easter Monday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and Christmas (2½ days).

18. Rent Containers. The Contractor shall be permitted to rent containers to commercial establishments and apartment complexes.

19. Disposal Area. The maintenance and operation of the disposal area shall be the responsibility of the City and shall be provided without charge to the Contractor. The City shall cause the disposal area to be open and operational during hours and intervals reasonably necessary for the Contractor to efficiently perform this contract.

20. The Contractor proposes to make arrangements satisfactory with the present users to substitute an improved collection system employing front-end loader trucks. The Contractor will make this conversion with the minimum of inconvenience. The City agrees to lend its goodwill, support, and cooperation to the Contractor in this endeavor.

21. The Contractor shall offer employment to the sanitation employees of the City and if they elect to work, the Contractor shall employ them for a minimum period of thirty days. If discharge during the thirty day period is warranted, it shall be permitted with approval of the City.

22. Notice. Notice shall be considered served if mailed by Certified Mail, return receipt requested to Dyneteria, Inc., P. O. Box 526, Dunn, North Carolina 28334. The same applies to the City of New Bern, P. O. Box 1129, New Bern, North Carolina 28560.

23. Assignment. The Contractor shall not assign this contract without prior written approval of the City.

24. Modifications. No modification or waiver of any provision of this contract shall be valid unless in writing signed by the parties.

25. Severability. If for any reason any provision hereof shall be inoperative, the validity and effect of all other provisions shall not be affected thereby.

26. Arbitration. Any controversy or claim arising out of or relating to this contract or breach thereof shall be settled by three (3) arbitrators in accordance with the Rules of Uniform Arbitration Act (North Carolina General Statute 1, Article 45A) and judgment upon the award rendered may be entered in any court having jurisdiction thereof. Each of the parties shall select one arbitrator within ten (10) days from the date notice is mailed, and the two (2) arbitrators shall select one (1) arbitrator within ten (10) days.

IN WITNESS WHEREOF, the City of New Bern has caused this contract to be executed by its Mayor; attested by its City Clerk; and its municipal seal hereto affixed, all by authority of the City Council duly given and granted; and the Contractor has caused this contract to be executed the day and year first above written.

CITY OF NEW BERN

ATTEST:

Mayor

City Clerk

DYNETERIA, INC.

President

(SEAL)

May 5, 1977

Mr. Grover C. Lancaster, Jr.
Chairman
Craven County Board of Commissioners
Courthouse *DK*
New Bern, North Carolina 28560

Dear Mr. Lancaster:

It has been my pleasure to work with you and your local board in seeking a solution to the solid waste management problems in Craven County. Progress has been made in a number of areas while little or no progress has been realized in other areas. Primarily I am addressing myself to the disposal problem in the City of New Bern.

I realize that you and your board are primarily concerned with the County operations, but I am sure you realize that New Bern is a very important part of Craven County and they have a problem.

The problem is the absence of a suitable landfill site for the City of New Bern. I plead with you and your board to consider the possibility of the City of New Bern using the Western County site. As was shown in the Plan that was presented to you in May, 1976, it would be a savings for each of the units of government if they would work together.

The County site would have adequate volume to justify suitable equipment to operate the site properly. As you know, we have had major problems at the county site recently because of equipment being down.

Thanking you in advance for your careful consideration. The problem gets more acute each day and a decision must be made soon.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OWS/tg

cc: Mr. J. C. Outlaw
Mr. Alton D. Harris
Mr. Fred J. Wood

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION



REPORT OF INVESTIGATION OR INSPECTION OF Landfill Evaluation

Place visited Cherry Point and Bogue Field Date April 14 1977

Address _____ Time spent 6 hours

By whom Fred J. Wood, Division of Health Services

Persons contacted Mr. John Wright, Base Maintenance Officer
(Owner, agent, tenant, manager, other)

Reason for visit Request from Mr. John Wright

Copies to: Mr. John Wright
Mr. Bill Holland
✓ Mr. O. W. Strickland

REPORT: On April 14, 1977, I met with Mr. John Wright, Base Maintenance Officer at the Marine Corp. Air Station at Cherry Point, to evaluate the operation of two solid waste disposal sites. The first was located at Bogue Field in Carteret County and the second was a demolition waste site located off Highway 101 at Cherry Point.

Bogue Field Site

This site is located just a short distance from shellfish waters. The soil is sandy with an observed water table between two and four feet. According to the official in charge, this site receives domestic type waste brought in by a container truck. He also said that no chemical or oil waste is disposed of at this site.

Highway 101 Site

This is a demolition waste site located near one of the base runways. It is a deep borrow pit with some standing water in the bottom. The type waste I observed was landscaping waste, demolition waste, cardboard -- paper, etc. I saw no putrescible waste but there was evidence of some chemical waste being dumped at this site.

Recommendations:

Bogue Field Site

I seriously doubt there is a suitable sanitary landfill site in the Bogue Field area due to the sandy soil, high water table, and the close proximity to shellfish waters. With this in mind, I make the following recommendations:

1. The the Bogue Field Site be closed and this waste hauled to the Carteret County landfill approximately 10 miles away (this site is located on Federal property). With the estimated 60 cubic yards of uncompacted waste per week, you cannot economically operate a sanitary landfill.

2. The existing solid waste haul equipment (piggy-back system) is not suitable for a twenty mile round trip haul distance. I believe you should consider a private contractor who has a front-in loading compactor truck to haul this waste.

Highway 101 Site:

Since this site is open at all times, you have little control over what is being dumped. I don't believe it is possible to operate a site properly without full-time supervision. I recommend the following:

1. That this area be fenced and a gate installed to prevent entry during closing hours.
2. That an attendant be on duty during open hours.
3. That the waste received be restricted to demolition type waste, landscaping waste, etc. only.
4. That the working face be covered routinely with six inches of cover dirt. If this waste is contained in cells, it should prevent the spread in case of fire.
5. Adequate operational signs be installed.



June 29, 1976

Mr. Richard Mills
Croatan National Forest
New Bern, North Carolina 28560

Dear Mr. Mills:

It was nice to talk with you last week in reference to our solid waste disposal program in North Carolina. We are very appreciative of the assistance the Forest Service has provided in some of the counties.

I am enclosing a copy of our Solid Waste Management Rules which I hope you will find informative.

Any assistance you can provide Craven County as they seek a landfill site in the eastern part of their County will be most helpful.

A solid waste management plan was presented to the Craven County Board of Commissioners on June 16, 1976. The Chairman of the Commissioners or Mr. Harris could provide you with a copy of this plan.

Thank you again for your assistance and we can assure you that we are also very concerned about our Federal lands.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OVS:bn
Enclosure
cc: Mr. Fred J. Wood

Craven
CR

March 2, 1976

Mr. J. C. Outlaw
City Manager
P. O. Box 1129
New Bern, N. C. 28560

Dear Mr. Outlaw:

Mr. Wood and I would like to thank you for meeting with us last week to discuss solid waste management in your fine City.

Mr. Wood and I are looking forward to working with you, Mr. Ellington, Mr. Harris and others from the County in an evaluation of alternatives for waste disposal.

By copy of this letter, I am asking Mr. Ellington and Mr. Harris to delete the tree and landscaping waste from the waste that will be weighed.

I will be in contact with you at an early date.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OWS/ct

cc: Mr. Fred J. Wood
Mr. Al Harris
Mr. Ben Ellington

ALDERMEN:
BEN B. HURST
TIM A. MONTGOMERY
TOM I. DAVIS
GRAY INGRAM
MRS. ELLA J. BENGEL



City of New Bern

FOUNDED 1710

P. O. BOX 1129

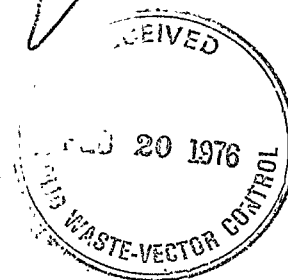
New Bern, N. C. 28560

February 19, 1976

Craven
CHARLES H. KIMBRELL
MAYOR

J. C. OUTLAW
CITY MANAGER

H. E. RUSSELL
CITY CLERK & TREASURER



Mr. O. W. Strickland, Supervisor
Solid Waste Management Unit
N. C. Department of Human Resources
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

This is in reply to your letter, dated February 16, 1976. Mr. Ben Ellington, our Director of Public Works, has advised me that he has talked to you by phone and has set up a meeting for 11:00 A. M., February 26, 1976, in the City Hall, in New Bern. We greatly appreciate your willingness to return to New Bern to assist us with our solid waste management problems.

Sincerely,

J. C. Outlaw
J. C. Outlaw
City Manager

JCO:ot

cc: Mayor Charles H. Kimbrell
Mr. Grover C. Lancaster, Jr., Chairman, Craven County Commissioners
Mr. Ben Ellington, Director of Public Works
Mr. Alton D. Harris, Sanitarian, Craven County



NEW BERN — AN OFFICIAL BICENTENNIAL COMMUNITY

- *Chack*
JR

June 27, 1975

Mr. J. C. Outlaw
City Manager
P. O. Box 1129
New Bern, N. C. 28560

Dear Mr. Outlaw:

As you requested on my last visit, I am sending you a list of municipalities somewhat the same size as New Bern that work with County government on solid waste disposal:

The following municipalities use County sites:

Ashboro, Concord, Edon, Henderson, Hickory, Monroe, Morganton, Reidsville, Clinton, Dunn, Graham, Laurinburg, Morehead City, Oxford, Tarboro, Williamston.

The following municipalities will use County sites after July 1, 1975:

Goldboro, Wilson.

Chapel Hill operates a site for all of Orange County.

Albemarle operates a site for all of Stanly County with County paying for operation.

Elizabeth City operates a site for all of Pasquotank County.

Kinston operates a site for all of Lenoir County.

I trust this is the information you wanted. The Managers in these municipalities would be able to explain how they are charged if anything.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OWS/ct

cc: Mr. Bill Morris
Mr. Alton D. Harris

Cracken
LTK

May 30, 1975

Mr. J. G. Outlaw
Manager
P. O. Box 1129
New Bern, N. C. 28560

Dear Mr. Outlaw:

I plan to be in New Bern on June 12th and I would like to speak with you concerning your solid waste disposal site if you could see me at 2:00 P.M.

Please let me know if this date and time are not convenient.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OWS/ct

May 19, 1975

Mr. Grover C. Lancaster, Jr., Chairman
Craven County Board of Commissioners
Route 1, Box 412
Vanceboro, N. C. 28586

JR

Dear Mr. Lancaster:

It is with regret that I must write you as I realize this is a very busy season. I hope your farming is going well.

Mr. Fred Wood, District Sanitarian in your area, who you remember I am sure, has been out of work for some time with a back operation. I was with Mr. Billy Morris at your County solid waste disposal sites on May 6, 1975. There are some problems with your sites as well as some parts of your management program that I would like to discuss with you and your board at your earliest convenience. I feel that now is the time when some evaluation of the past as well as plans for the future should be considered.

Thank you, as always, for your assistance and I am looking forward to hearing from you.

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OJS/cc

cc: Mr. Billy Morris
Mr. Alton Morris

DEPARTMENT OF ADMINISTRATION

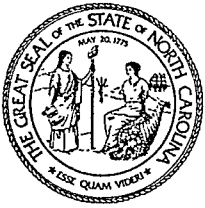
OFFICE OF STATE PLANNING

JOHN BOOTH

To *Sid Hory*

*I hope this accurately
reflects your concerns
with the report. Thanks
again for the assistance.*





STATE OF NORTH CAROLINA
DEPARTMENT OF ADMINISTRATION
WILLIAM L. BONDURANT
SECRETARY

Craden
OFFICE OF STATE PLANNING

116 WEST JONES STREET
RALEIGH 27603
(919) 829-4131

LYNN R. MUCHMORE
STATE PLANNING OFFICER

JAMES E. HOLSHOUSER, JR.
GOVERNOR

April 1, 1974

Mr. Vernon Morton
Interim Planning Director
Neuse River Council of Governments
P. O. Box 1717
New Bern, North Carolina 28560

Re: "Solid Waste Disposal in the Neuse River Region"

Dear Vernon:

We have completed our review of the draft of the above-referenced document. Mr. Sidney H. Usry, Head, Solid Waste & Vector Control Branch, Sanitary Engineering Section of the Department of Human Resources, and members of his staff reviewed it, as well as Mr. Jim Haddox of this staff. Following are criticisms and suggestions for changes.

1. The report is not a plan, and even though it doesn't purport to be one, there may be an implication that it is. The title should therefore be changed to properly reflect what it actually is, and the Introduction should go into detail as to what it is, its purpose, and how the Council intends to follow-up in developing a plan for the region.
2. The Introduction lists the same definitions contained in the appendix. You might even consider eliminating entirely the "Rules and Regulations Providing Standards for Solid Waste Disposal" except by reference, noting where copies may be seen and/or obtained.
3. You need to make note of the fact, probably in the Introduction, that each of the counties has an individual plan, and that this report analyzes those plans and the implementation status of each. Proper credit should be given to the agency which prepared the plans.
4. The usefulness of the report would be increased if greater detail could be provided concerning the strengths and weaknesses of each collection and disposal system within the region. It appears that the writer was afraid someone would be offended if he were critical. I believe that

Mr. Vernon Morton
Page 2
April 1, 1974

a report of this nature is the very tool needed to improve bad situations. Obviously, those responsible are not going to say their operation is lousy; they need help in getting elected officials to provide the necessary resources, and if those officials are shown by an objective party what is necessary, they will be more willing to appreciate the situation and provide means for improving it.

5. Some of the conditions mentioned in the "Findings and Recommendations" seem more appropriate for the county by county summaries. By the same token, some of the topics discussed in the "Needs Through 1990" section might have been better placed in the "Findings and Recommendations" section.
6. Page 7 (my numbering system) contains several confusing statements or words. It is enclosed with marks for correction.

I hope that you won't consider this overly critical. I believe though that a well-written explanation covered in No. 1 above, coupled with the diminished size that can be accomplished by No. 2, will result in a concise report that can be very meaningful and useful. I apologize for taking so long in getting back to you on this report.

We can discuss any of the above recommendations. However, if you concur with these and make appropriate changes, you are authorized to print the final document. Even though the contract specifies a "plan", with proper documentation covered in No. 1 above regarding future activities, the inventory will be accepted.

Sincerely,

John L. Booth
Assistant State Planning Officer
Regional Planning

CC: ✓ Sidney H. Usry
Jim Haddox

The term "public health" is used in a very broad sense in this connotation and is generally accepted as a valid and enforceable basis for controls, even some that may be quite rigorous and costly to comply with. Hazards include direct transmission of disease to men and animals and the reservoir from which disease may emerge, and also such environment - depreciating factors as odor, visible smoke, gases, dust, noise, fly ash, blowing paper, alternation of water characteristics and drainage conditions, heavy traffic, and unsightly appearance. Some of these are more properly classified as nuisances but they are considered for this purpose as sanitation factors of importance to the public health and welfare.

(The most serious public health hazards have to do with rodent and insect vectors.) ?

this is redundant.

Because of the innate nature of solid wastes and their interaction or response to disposal efforts there is always the potential for trouble from one or another of these factors. A well designed disposal system will control them all within acceptable limits, but it is important to recognize that their complete elimination is not feasible in any practical disposal method.

This emphasizes the negative.

The adverse public health aspect typical of open dumps and other poor methods of disposal have wide public recognition. Well designed and well operated sanitary landfills avoid all of these unfavorable features and can be used to actually improve public health conditions, for instance through elimination of mosquito breeding swamps. ?

Sanitary landfill operations are usually conducted by depositing

Craven
JHR

May 3, 1973

Mr. Charles L. Frederic
110 Johnson Point Road
New Bern, North Carolina 28560

Dear Mrs. Frederic:

I am enclosing a copy of the report that has been prepared following our investigation of disposal area being operated on the property adjacent to you.

I am sure that the Craven County Solid Waste Management Program will maintain surveillance in the area. If this office can be of further assistance, I shall appreciate hearing from you.

Very truly yours,

Sidney H. Wery, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

CC: Mr. David T. Flaherty (2)
Mr. A. D. Harris
Mr. Lex Kelly
Mr. J. H. Cavanaugh

Enclosure

SHU/bb



STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES

JAMES E. HOLSHOUSER, JR.
Governor

DAVID T. FLAHERTY
SECRETARY

State Board of Health

P. O. Box 2091

Raleigh 27602

JACOB KOOMEN, M.D., M.P.H.
STATE HEALTH DIRECTOR AND
SECRETARY-TREASURER

W. BURNS JONES, JR., M.D., M.P.H.
ASSISTANT STATE HEALTH DIRECTOR

May 9, 1973

Mrs. Charles E. Fredere
116 Johnson Point Road
New Bern, North Carolina 28560

Dear Mrs. Fredere:

I am enclosing a copy of the report that has been prepared following our investigation of disposal area being operated on the property adjacent to you.

I am sure that the Craven County Solid Waste Management Program will maintain surveillance in the area. If this office can be of further assistance, I shall appreciate hearing from you.

Very truly yours,

A handwritten signature in cursive script that reads "Sidney H. Usry".

Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

CC: Mr. David T. Flaherty (2)
Mr. A. D. Harris
Mr. Lex Kelly
Mr. J. H. Cavanaugh

Enclosure

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF SOLID WASTE COMPLAINT

Place visited NEW BERN Date APRIL 27, 19 73
Address 116 Johnson Point Rd. Time spent 3 hours
By whom Fred J. Wood, Solid Waste Section, State Board of Health
Persons contacted Mr. A. D. Harris, Mr. Lex Kelly, Mr. Charles E. Fredere, Mr. J. H. Cavanaugh
(Owner, agent, tenant, manager, other)
Reason for visit Complaint from Mrs. Charles E. Fredere

Copies to: Mr. A. D. Harris, Craven County Health Dept., New Bern
Mr. David T. Flaherty, Department of Human Resources
Mr. Lex Kelly, District Highway Engineer, New Bern
Mr. J. H. Cavanaugh, 109 Johnson Point Rd., New Bern

REPORT:

This investigation was made in response to a letter from Mrs. Charles E. Fredere to Governor Holshouser regarding a solid waste disposal dump near her home.

On April 9, 1973, I investigated this complaint at the request of the Craven County Health Department. At that time, I was not aware of Mrs. Fredere's letter to Governor Holshouser. During this investigation I contacted Mr. Lex Kelly, District Highway Engineer, and he agreed to stop all dumping at this site. Mr. Kelly said that he would haul in some dirt and cover the dump as soon as the weather cleared. (It was very wet at the time).

On April 27, 1973, after receiving a copy of Mrs. Fredere's letter, I again visited the site. I was accompanied by Mr. A. D. Harris, Sanitarian Supervisor, Craven County Health Department, and Mr. Lex Kelly, District Highway Engineer. We contacted Mr. Charles Fredere at his home. Mr. Fredere stated his concerns about the dump, the rats, unsightliness, etc. Mr. Kelly told Mr. Fredere that he would move a tractor in to work on the dump in two to three weeks.

We also contacted Mr. J. H. Cavanaugh, who owns the property on which the dump is located. Mr. Cavanaugh said that all dumping had been stopped. I told Mr. Cavanaugh that he, as the property owner, was responsible for the site and that no solid waste of any kind was to be put on this site in the future.

There is no longer an excuse for indiscriminate dumping in Craven County. The County has two sanitary landfills and over one hundred and four six yard containers throughout the county that are picked up two to three times per week. In fact, there is a container site with four containers approximately one mile from the above-mentioned dump.

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF SOLID WASTE COMPLAINT

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Persons contacted Mr. A. D. Harris, Mr. Lex Kelly, Mr. Charles E. Fredere, Mr. J. H. Cavanaugh
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Copies to: Mr. A. D. Harris, Craven County Health Dept., New Bern
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Governor James Holshouser
Office of N.C. State Governor
Raleigh, N.C.

Buck
Ref - [unclear] 4-5-73

#241

Dear Sir:

I am appealing to you for what ever help you may offer.

We are in the midst of a battle against litter and garbage which is being dumped almost in our front door.

We purchased a small plot of land on the beautiful Neuse River three years ago. We were aware that the adjoining property had been used as a community dump but were promised at the time of purchase, no more dumping would be allowed. A NO DUMPING sign was immediately put up by the property owner, but not enforced. I might add that this dump site tops a bluff on the Neuse River and steadily drains into the river.

Soon after moving into our new home we were over-run with rats. Now I don't mean mice, I mean rats as large as house cats.

① We appealed to the Craven County Health Department but with no results. They did however send someone out to talk to the offending property owner.

Finally in defeat we gave up but periodically have purchased poison which we throw in bundles into the dump area to combat the rats.

② The State Highway trucks have always dumped here, things which are not hazardous to our health but offensive to our eyes. Lo and behold I could not believe my eyes when this week on two consecutive days a State Highway truck comes in here with waste from the roadside litter barrels.

I am a full supporter of these litter barrels and believe that litterers should be fined. Now what fine do we give our very own State Highway Department for not only littering but contributing to the rodent population?

Your prompt attention to this matter will be most appreciated.

Very truly yours,

Mrs. Charles E. Fredere

116 JOHNSON PT. RD.

NEW BERN, N.C. 28560

RECEIVED

APR 1 1973

GOVERNOR'S OFFICE

RECEIVED

APR 19 1973

SANITARY ENGINEERING
DIVISION

April 23, 1973

Mr. Charles T. Frederic
116 Johnson Point Road
New Bern, North Carolina 28560

Dear Mr. Frederic:

The Governor has asked that I reply to your letter of April 5, 1973, concerning the disposal of solid waste in an unapproved disposal facility.

I am sending a copy of your letter to Mr. Fred J. Reed, District Sanitarian, requesting that he visit the area and discuss the problem with you in addition to making recommendations for alleviation of the problem.

If I can provide you with additional assistance or information, I shall appreciate hearing from you.

Very truly yours,

SHU-

Sidney E. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SHU:bm

cc: Mr. Fred J. Reed
Mr. David T. Flaherty (2)
Mr. Marshall Stokes

mm. mmy

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
325 NORTH SALISBURY STREET
RALEIGH 27611

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

April 18, 1973

TELEPHONE
919/829-4534

MEMORANDUM

To: Dr. Koomen
State Board of Health

From: Joseph Balak
Special Assistant to the Secretary

Subject: 2 Letters to the Governor
 Letters to the Secretary

RECEIVED

APR 19 1973

SANITARY ENGINEERING
DIVISION

The attached correspondence has been referred from the Office of the Governor/
~~Office of the Secretary~~ to this Department and, in turn, is being referred to
your agency for appropriate action and direct reply to the writer. Guidance
from the Governor's Office stressed the importance of promptness, courtesy,
and correctness of the replies. Pending finalization of a system for handling
correspondence of this type, the following will apply:

- a. Replies must be factually correct and respond to each question or situation presented.
- b. If a complete reply cannot be made within 72 hours, an interim reply will be made indicating, of course, that the matter is being investigated, etc., and that a final reply will be forthcoming.
- c. The reply, or the interim reply if one is required, will begin:
"The Governor/~~Secretary~~ has asked that I reply to your letter of
(Date or 'recent letter' if not dated) concerning _____."

Two copies of the reply or interim reply will be forwarded to this office.
The original letter to the Governor/~~Secretary~~ will accompany the copy of the final reply.

Attachment(s) : Yvonne Poteet 4/7/73, #240
Mrs. Charles E. Fredere, 4/10/73, #241

Uery

OMBUDSMAN INFORMATION SHEET

FRED M. GALLAGHER
ADMINISTRATION BUILDING

APR 17 1973

Dr. Kooner

#241

Fm
TAKEN BY

CASE NUMBER	
<i>20-291</i>	
DATE	
<i>4/10/73</i>	
TELEPHONE	
RESIDENTIAL	BUSINESS

NAME & ADDRESS
<i>Mrs. Charles E. Frederer</i>
<i>116 Johnson Pt. Road</i>
<i>New Bern, N.C. 28560</i>

- ☒ WRITTEN
☐ PHONE CALL
☐ VISIT

TYPE: ☒ COMPLAINT ☐ INFORMATION ☐ JURISDICTION ☐ NO JURISDICTION BUT ASSISTANCE PROVIDED

SUBSTANCE OF INQUIRY OR COMPLAINT:

See attached

AGENCY	INDIVIDUAL	REQUESTED REPLY DATE
<i>Human Res. Trans</i>	<i>Polak</i> <input checked="" type="checkbox"/> <i>Clegg</i>	<i>4/23/73</i>

- ☒ INVESTIGATE AND ACKNOWLEDGE STATING GOVERNOR REFERRED (INQUIRY) TO YOU. SEND COPY TO THIS OFFICE.
☐ DRAFT REPLY SUITABLE FOR GOVERNOR'S SIGNATURE.
☐ INVESTIGATE AND FURNISH THIS OFFICE WITH NECESSARY INFORMATION TO RESPOND TO INQUIRY.
☐ FOR YOUR INFORMATION.

COMMENTS AND RECOMMENDATIONS:

RECEIVED

STATE ENGINEERING
DIVISION

Governor James Holshouser
Office of N.C. State Governor
Raleigh, N.C.

Butch
4-5-73

Dear Sir:

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We purchased a small plot of land on the beautiful Neuse River three years ago. We were aware that the adjoining property had been used as a community dump but were promised at the time of purchase, no more dumping would be allowed. A NO DUMPING sign was immediately put up by the property owner, but not enforced. I might add that this dump site tops a bluff on the Neuse River and steadily drains into the river.

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116 JOHNSON PT. RD.

NEW BERN, N.C. 28560

RECEIVED

APR 9 1973

GOVERNOR'S OFFICE

RECEIVED

APR 19 1973

SANITARY ENGINEERING
DIVISION



STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
325 NORTH SALISBURY STREET
RALEIGH 27611

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

April 18, 1973

TELEPHONE
919/829-4534

MEMORANDUM

RECEIVED

APR 19 1973

SANITARY ENGINEERING
DIVISION

To: Dr. Koomen
State Board of Health

From: Joseph Balak
Special Assistant to the Secretary

Subject: 2 Letters to the Governor
 Letters to the Secretary

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Very

OMBUDSMAN INFORMATION SHEET

FRED M. GALLAGHER
ADMINISTRATION BUILDING

APR 17 1973

Dr. Koerner

#241

F.M.G.
TAKEN BY

CASE NUMBER	
90-291	
DATE	
4/10/73	
TELEPHONE	
RESIDENTIAL	BUSINESS

NAME & ADDRESS
Mrs. Charles E. Frederes
116 Johnson Pt. Road
New Bern, N.C. 28560

- ☒ WRITTEN
☐ PHONE CALL
☐ VISIT

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☐ FOR YOUR INFORMATION.

COMMENTS AND RECOMMENDATIONS:

RECEIVED

JOINT ENGINEERING
DIVISION

Governor James Holshouser
Office of N.C. State Governor
Raleigh, N.C.

Burke
Ref - [unclear]
4-5-73

4241

Dear Sir:

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NEW BERN, N.C. 28560

RECEIVED

APR 9 1973

GOVERNOR'S OFFICE

RECEIVED

APR 19 1973

SANITARY ENGINEERING
DIVISION

1 - C
J4

July 11, 1972

Mr. J. C. Outlaw
City Manager
P. O. Box 1169
New Bern, North Carolina 28560

Dear Mr. Outlaw:

I am enclosing a copy of the report that has been prepared by the members of my staff following their recent inspection of the disposal area operated by the City of New Bern.

Very truly yours,

Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SHU:jp

Enclosure

cc: Dr. Verna Barefoot

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Landfill

Place visited New Bern Landfill Date June 27, 19 72
Address New Bern, North Carolina Time spent 3 hrs.
By whom Mr. Fred Wood, District Sanitarian and Mr. O. W. Strickland, Supervisor, Solid
Waste Management
Persons contacted Mr. Cedric Boyd, Director of Public Works
(Owner, agent, tenant, manager, other)
Reason for visit To visit disposal site with Mr. Elmer Cleveland and George Cook, Environ-
mental Protection Agency
Copies to: Mr. J. C. Outlaw, City Manager, New Bern
Dr. Verna Barefoot, Health Director, Craven County

REPORT: This investigation was made in cooperation with the Charlotte office of the Environmental Protection Agency to determine if there was violation of the 1899 Refuse Act. At the time of this investigation, the disposal area was not being operated in accordance with the operational plans that had been submitted to the N. C. State Board of Health by the City of New Bern for approval for compliance with the rules and regulations of that agency. The operation of the facility was violating the rules and regulations of the N. C. State Board of Health as found in Section XI, Items B through P.

RECOMMENDATIONS: The operational plan, as approved, shall be followed and all items under Section XI shall be brought in compliance with the exception of the variance (water table limitations) on or before September 1, 1972 or the site shall be closed in accordance with Section XIII of the "Rules and Regulations Providing Standards for Solid Waste Disposal."

December 9, 1971

Mr. Marvin L. Morgan, Supervisor
Farmers Home Administration
Clark Building
402 Broad Street
Box 1167
New Bern, North Carolina 28560

Re: Craven County Solid Waste Program

Dear Mr. Morgan:

The North Carolina State Board of Health will provide supervision and assistance to Craven County in the implementation and operation of their proposed program to assure compliance with the recommended proposals and the rules and regulations of this agency.

Very truly yours,

Sidney H. Uory, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SINU:bn
cc: Mr. Paul V. Parks

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT DOVER GARMENT CO. INC.

ADDRESS P.O. BOX 308, DOVER, N. C. COUNTY CRAVEN

TYPE OF INDUSTRY GARMENT MAN. NUMBER OF EMPLOYEES 110

NAME & TITLE OF PERSON INTERVIEWED MR. JIMMY TOLAR, PLANT MGR.

AMOUNT OF SOLID WASTE GENERATED: 2.5 Cubic Yards, _____ Tons,

_____ By Year, _____ Month, ☒ Week, _____ Day

TYPE OF WASTES: MIXED ~~PAPER~~ PAPER - MOSTLY FROM PATTERNS 80 %

CLOTH 20 %

_____ %

_____ %

ON-SITE STORAGE PLASTIC BAGS INSIDE BUILDING

TRANSPORTED DUMP TRUCK - OPEN

TRANSPORTED BY TOWNS OF DOVER

PLACE OF DISPOSAL " " " DUMP (HIWAY 70 - ON LEFT 1 MILE EAST OF DOVER)

REMARKS: ALL MATERIAL REC. PRECUT

BY: Julian M. Fournier

DATE: 12-3-1971

December 1, 1971

Mrs. Goldie Wheaton
1515 Edenton Street
New Bern, North Carolina 28560

Dear Mrs. Wheaton:

The call that you made to the Office of Water and Air Resources on November 24, 1971, regarding disposal of solid waste in your neighborhood has been referred to this office for reply as this agency is responsible for solid waste disposal.

I am sending a copy of this report to Mr. Julian Focqua, District Sanitarian, requesting that on his next visit to New Bern that he investigate the conditions and make recommendations as to the proper method of alleviating this disposal area.

If this office can be of additional assistance, I shall appreciate hearing from you.

Very truly yours,

Sidney H. Ustry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SHU:bm
cc: Mr. Julian Focqua
Ms. Jackie Hall

Pollution Monitor ~~DAILY~~ REPORT ~~OF~~ ~~INSPECTIONS~~

~~Water Quality Division~~

Date 11-24-1971

Name of Caller: Mrs. Goldie Wheaton Time: 10:00 AM

~~PLACES VISITED:~~

Address: 1815 Edenton St, New Bern N.C. 28560

Telephone: (919) 638-5823

Nature of Call:

~~NARRATIVE:~~

Mrs. Wheaton lives on the corner of Edenton St. + Neuse Ave. There is an empty space across the street from her house, where people are disposing garbage (including such things as "Smelly fish", papers, bones, etc. This is not only unsightly, dirty, + smelly, but dogs collect there, spreading the debris all over the street. Other people have complained about this also and they have reported it to the City, but the garbage collector said he had not been given orders to collect this. This is her reason for calling for assistance. I would like to hear from someone on what can be done.

ACTION TO BE TAKEN by:

Sanitary Engr. Div., State Board
of Health RECEIVED

TABULATION OF INSPECTIONS: _____

NOV 26 1971

~~Hours on duty:~~ _____

SIGNED

(mm) Jackie Wall

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT NATIONAL MILLING CO.
ADDRESS COVE CITY - N.C. COUNTY CRAVEN
TYPE OF INDUSTRY DAK FLOORING MANU. NUMBER OF EMPLOYEES 43
NAME & TITLE OF PERSON INTERVIEWED MR. A.W. CARRUTH - PLANT MGR.

AMOUNT OF SOLID WASTE GENERATED: _____ Cubic Yards, _____ Tons,
_____ By Year, _____ Month, _____ Week, _____ Day

TYPE OF WASTES: _____ %
_____ %
_____ %
_____ %

ON-SITE STORAGE _____

TRANSPORTED _____

TRANSPORTED BY _____

PLACE OF DISPOSAL _____

REMARKS:

SELLS MOST OF SAW DUST & SHAVINGS.
BURNS SMALL AMT. IN TP BURNER -
VOLUME - UNK

BY: Julian M. Forrester
DATE: 12-3-1971

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT SCOTT LUMBER CO.

ADDRESS AIRPORT RD., NEW BERN, N.C. COUNTY CRAVEN

TYPE OF INDUSTRY SAWMILL NUMBER OF EMPLOYEES ?

NAME & TITLE OF PERSON INTERVIEWED MR. PETER M. SCOTT JR. OWNER

AMOUNT OF SOLID WASTE GENERATED: _____ Cubic Yards, 80,000 Tons,

✓ By Year, _____ Month, _____ Week, _____ Day

TYPE OF WASTES: SAWDUST & BARK 100 %

_____ %

_____ %

_____ %

ON-SITE STORAGE GROUND

TRANSPORTED _____

TRANSPORTED BY _____

PLACE OF DISPOSAL TP BURNER

REMARKS:

TP BURNER IS TO BE DISCONTINUED.

WOOD WASTE WILL BE CONVERTED TO FERTILIZER

BY: Julian M. Lora

DATE: 11-30-71

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT DIXIE CHEM. CORP.
ADDRESS JAMES CITY (RT#4 NEWBURN) COUNTY CRAVEN
TYPE OF INDUSTRY FERTILIZER - PESTICIDES NUMBER OF EMPLOYEES 10
+ SEED SALES
NAME & TITLE OF PERSON INTERVIEWED MR. WALTER C. GREEFFIN - PLANT SUPT.

AMOUNT OF SOLID WASTE GENERATED: 30 Cubic Yards, _____ Tons,

✓ By Year, _____ Month, _____ Week, _____ Day

TYPE OF WASTES: PAPER - MOSTLY BAGS 100 %
SMALL AMT OFFICE PAPER _____ %
_____ %
_____ %

ON-SITE STORAGE GROUND

TRANSPORTED _____

TRANSPORTED BY _____

PLACE OF DISPOSAL Burned ON PREMISES

REMARKS:

BY: Julian M. Forrester
DATE: 11-30-71

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT WHITTY MILLING CO

ADDRESS 863 PASTEUR ST, NEW BERN, N.C. COUNTY CRAVEN

TYPE OF INDUSTRY MILLING NUMBER OF EMPLOYEES 3

NAME & TITLE OF PERSON INTERVIEWED MR. ROBERT ANTHUR - EMPLOYEE

AMOUNT OF SOLID WASTE GENERATED: _____ Cubic Yards, _____ Tons,

_____ By Year, _____ Month, _____ Week, _____ Day

TYPE OF WASTES: Paper Bags & Paper 1 CY WR Burned _____ %

CORN SHUCKS - 60 CY YR Burned _____ %

_____ %

_____ %

ON-SITE STORAGE Paper - 30 Gal. Cans - Shucks - Metal BIN

TRANSPORTED _____

TRANSPORTED BY _____

PLACE OF DISPOSAL ON SITE

REMARKS:

BY: Julian M. Looney III

DATE: 11-29-71

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT GASKINS SAW & FLOUR CO.

ADDRESS HWAY 17 N, BRIDGETON, N.C. COUNTY CRAVEN

TYPE OF INDUSTRY LOGGING EQUIP. SALES & REPAIR NUMBER OF EMPLOYEES 20

NAME & TITLE OF PERSON INTERVIEWED MR. WILLIAM J. GASKINS, OWNER

AMOUNT OF SOLID WASTE GENERATED: 52 ^{Paper} Cubic Yards, 1/10 ^{Metal} Tons,

✓ By Year, _____ Month, _____ Week, _____ Day

TYPE OF WASTES: PAPER & CORRUGATED CARDBOARD FROM- _____ %

OFFICE & SHIPPING CONTAINERS _____ %

METAL - STEEL & IRON _____ %

_____ %

ON-SITE STORAGE ON GROUND - PAPER & METAL

TRANSPORTED METAL - OPEN TRUCK

TRANSPORTED BY MR. GASKINS

PLACE OF DISPOSAL PAPER - BURNED ^{AT} PREMISES ON GROUND

METAL: BELL'S SALVAGE

QUEEN ST,

REMARKS:

NEW BERN, N.C.

BY: Julian M. Foxworth, III

DATE: 11-24-1971

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT AMERICAN TIMBER PRODUCTS CO. - DIV. OF GA. PACIFIC CO.

ADDRESS BREDBETON, N.C. COUNTY CRAVEN

TYPE OF INDUSTRY VENEER MANUFACTURE NUMBER OF EMPLOYEES 51

NAME & TITLE OF PERSON INTERVIEWED MR. P. J. HARMATUK - PLANT MGR.

AMOUNT OF SOLID WASTE GENERATED: 2 Cubic Yards, _____ Tons,

_____ By Year, _____ Month, ✓ Week, _____ Day

TYPE OF WASTES: WOOD & DIRT 50 %

MIXED PAPER 50 %

_____ %

_____ %

ON-SITE STORAGE WOOD & DIRT ON FLOOR - PAPER IN BARRELS

TRANSPORTED DISPOSED OF ON PREMISES

TRANSPORTED BY _____

PLACE OF DISPOSAL AT PLANT

REMARKS: BARK, SHAVINGS, SAWDUST & PAPER IS USED TO FIRE-
BOILER AT THE PLANT.

THE WOOD & DIRT FROM FLOOR SWEEPINGS IS USED TO
FILL LOW AREAS ON PREMISES.

APPROX. 3,000 TONS OF CHIPS ARE ~~SENT~~ SENT BY RAIL
EACH WEEK TO OTHER PLANTS TO BE USED IN MAKING
PANELING & VARIOUS OTHER PRODUCTS.

BY: William M. Foshee, III

DATE: 11-24-1971

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT BARRUS CONST. CO.
ADDRESS HIWAY 70 W, NEW BERN, N.C. COUNTY CRAVEN
TYPE OF INDUSTRY ASPHALT MAN. NUMBER OF EMPLOYEES 4?
NAME & TITLE OF PERSON INTERVIEWED ?

AMOUNT OF SOLID WASTE GENERATED: _____ Cubic Yards, 50 Tons,
✓ By Year, _____ Month, _____ Week, _____ Day

TYPE OF WASTES: ASPHALT 100 %

ON-SITE STORAGE ON GROUND

TRANSPORTED _____

TRANSPORTED BY _____

PLACE OF DISPOSAL ON GROUND AT PLANT SITE

REMARKS:

BY: Julian M. Lockwood
DATE: 11-23-71

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT FLEET CAP'N TRAILERS
ADDRESS GEORGE ST., NEW BERN, N.C. COUNTY CRAVEN
TYPE OF INDUSTRY BOAT TRAILER MANU. NUMBER OF EMPLOYEES 6
NAME & TITLE OF PERSON INTERVIEWED MR. THOMAS J. McKNIGHT PRES

AMOUNT OF SOLID WASTE GENERATED: 2 Cubic Yards, _____ Tons,
_____ By Year, ✓ Month, _____ Week, _____ Day

TYPE OF WASTES: ~~GEN~~ - CARDBOARD - SHIPPING CARTONS 90 %
WOOD WASTE 11 11 5 %
MISC - RUST - METAL FROM FLOOR 5 %
_____ %

ON-SITE STORAGE 55 GALLON DRUM
TRANSPORTED COMP OPEN BODY DUMP TRUCK
TRANSPORTED BY CITY
PLACE OF DISPOSAL CITY LANDFILL

REMARKS:

MATERIALS USED AT THIS EST. ARE PRE-CUT !!

BY: Julian M. Lawrence, III
DATE: 11-22-71

SOLID WASTE & VECTOR CONTROL SECTION
SANITARY ENGINEERING DIVISION
N. C. STATE BOARD OF HEALTH

INDUSTRIAL SURVEY FORM

NAME OF PLANT CLARK BOAT CO. -638-2157

ADDRESS 175, NEW BERN, N. C. COUNTY CRAVEN

TYPE OF INDUSTRY BOAT MANU. NUMBER OF EMPLOYEES 25

NAME & TITLE OF PERSON INTERVIEWED MRS CORECLARK SECRETARY

AMOUNT OF SOLID WASTE GENERATED: 26 Cubic Yards, _____ Tons,

_____ By Year, ✓ Month, _____ Week, _____ Day

TYPE OF WASTES: CANADIAN CORRUGATED Shipping Containers 50 %

ASPHALT PAPER - Shipping 40 %

FIBERGLASS 9 %

* ACETONE - Cleaner 1 %

ON-SITE STORAGE IN BURN PIT

TRANSPORTED _____

TRANSPORTED BY _____

PLACE OF DISPOSAL ON SITE BURN PIT

REMARKS:

* RECYCLED
SENT BACK TO CO.
(LIQUID)

BY: Julian M. Loefer, III

DATE: 11-22-71

Cates
clrk

June 25, 1970

Mr. James E. Daniels
Town Manager
P. O. Box 301
Havélock, North Carolina 28532

Dear Mr. Daniels:

In reply to your request for assistance with a solid waste disposal site, I am sending a copy of your letter to Mr. N. K. Cates, Sanitary Engineer, requesting that he contact you. I am sure that he can provide the assistance that you need in the establishment of a sanitary land-fill.

Very truly yours,

Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

cc: Mr. N. K. Cates

SHU/kj

Town of Havelock

"Serving Eastern Carolina's Largest Industry"

P. O. Box 301

Havelock, North Carolina

28532

ROBERT F. WEBB
MAYOR

TOWN COMMISSIONERS:
JAY CLARKE
EUGENE P. SMITH
LLOYD B. SMITH
JOHN R. TUTTLE
PAUL R. SEBASTIAN, JR.

22 June 1970

RECEIVED

JUN 24 1970

Mr. Sidney Usry
Chief of Solid Wastes and Vector Control Section
Sanitary Engineering Division
State Board of Health
Raleigh, North Carolina 27602

SANITARY ENGINEERING
DIVISION

Dear Sir:

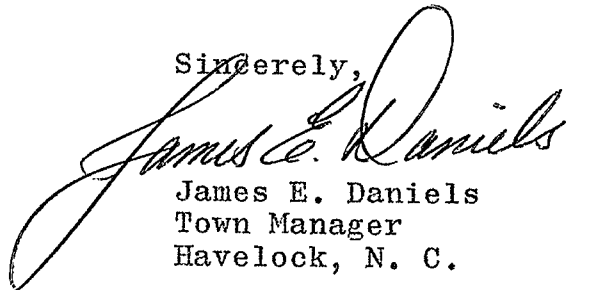
We are presently working on plans to end open burning of refuse as required by the Department of Water and Air Resources.

At this time, we need to select an area for land-fill that will be acceptable to the Department of Water and Air Resources and the State Board of Health.

We, like most small communities, are going to have many problems in finding the necessary revenues, equipment and qualified persons to make the needed change.

Any assistance from the State Board of Health in preparing a plan, selecting a good site, and method of operation would be greatly appreciated.

Sincerely,



James E. Daniels
Town Manager
Havelock, N. C.

CRAVEN COUNTY LANDFILL OPERATION

6 Months Budget - January - June 1970

EQUIPMENT:

1. High lift loader with multi-purpose bucket. Rental @ \$1,000.00 monthly	\$6,000.00	
2. Dump truck (used 2 ton)	1,000.00	
3. Tilt body trailer (used)	1,800.00	
4. Small tools	<u>300.00</u>	
	\$9,100.00	\$9,100.00

STRUCTURE:

Structure to provide shelter for equipment, office, and maintenance space.	<u>\$3,000.00</u>	\$3,000.00
---	-------------------	------------

EMPLOYMENT:

1. Tractor Operator	\$3,000.00	
2. Helper & Operator	<u>2,400.00</u>	
	\$5,400.00	\$5,400.00

OTHER:

1. Fuel and repairs	\$2,000.00	
2. Signs, fence wire etc.	800.00	
3. Initial site clearing	2,500.00	
4. Dragline rental	<u>2,000.00</u>	
	\$7,300.00	\$7,300.00
	TOTAL	<u>\$24,800.00</u>

✓
CRAVEN COUNTY DEPARTMENT OF HEALTH

CH
NEW BERN, NORTH CAROLINA 28560

April 24, 1970

✓
Mr. Sidney H. Usry
North Carolina State Board of Health
Raleigh, North Carolina 27600

Dear Mr. Usry:

I have been planning to drop you a line all week but I never seem to get the time.

I would like to take this opportunity to thank you for allowing Mr. O. W. Strickland and Mr. Fred Wood to take the time out of their busy schedule to speak at our Sanitation Section Meeting on "Solid Waste Management in N. C." They gave an excellent presentation.

Thank you again.

Sincerely yours,

C. H. Hamm, Jr.

C. H. Hamm, Jr.
Sanitarian II

RECEIVED

APR 27 1970

SANITARY ENGINEERING
DIVISION

Craven
LAR

March 13, 1970

Mr. Randolph Hendricks, Planning Coordinator
State Planning Division
Department of Administration
Raleigh, North Carolina 27602

RE: Clearinghouse Notification No. 70-0106

Dear Mr. Hendricks:

The North Carolina State Board of Health has been interested in the establishment of a solid waste disposal program for Craven County. This agency has provided technical assistance in preparing a satisfactory plan for solid waste disposal. I feel that financial assistance that might be provided by this request will add great interest to the implementation of this plan.

Very truly yours,

Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SU/mg

cc: Mr. B. Gene Barrett

*State Board of Health
Sanitary Engineering Division*

DEPARTMENT OF ADMINISTRATION
State Planning Division
Clearinghouse and Information Center
Raleigh, North Carolina 27602

RECEIVED

MAR 3 1970

NOTIFICATION REFERRAL

ACTION REQUESTED

SANITARY ENGINEERING
DIVISION

To: Name B. Gene Barrett, Planning Officer

Agency State Board of Health

Address Raleigh, North Carolina

Re: Clearinghouse Notification No. 180-0106

The attached Notification to Clearinghouse of Intent of Apply for Assistance is referred to you for review and comment in accordance with Project Notification and Review System procedures established under Bureau of the Budget Circular No. A-95.

TELEPHONE RESPONSE REQUESTED BY March 5, 1970

WRITTEN RESPONSE REQUESTED BY March 16, 1970

In each response, please refer to the Clearinghouse Notification No. shown above.

It is recommended that you contact the applicant directly if your agency needs additional information on the proposed application, or if there are any questions which may be resolved in this way.

Please reply to: Randolph Hendricks, Planning Coordinator
State Planning Division
Telephone 829-4131

APPLICATION FEDERAL ASSISTANCE FOR PUBLIC WORKS AND FACILITY TYPE PROJECTS <i>(Please read the Instructions before completing this appli- cation. Submit application in original and one copy. Attach additional sheets if necessary.)</i>		DO NOT WRITE IN THIS AREA - FOR GOVERNMENT USE ONLY			
		1A NO.		R E F E R R A L	
		AGENCY	DATE RECEIVED	DATE REFERRED	TO
		AGENCIES ASSUMING JURISDICTION			
		AGENCY	DATE	PROJECT COMPONENT	PROJECT NO.

1A.	APPLICANT (Exact legal name or proposed name if not incorporated)		
	CRAVEN	COUNTY	NORTH CAROLINA
	CITY OR TOWN	(County)	(State) (Zip code)

1B. TYPE OF ORGANIZATION (Check appropriate box)				
<input type="checkbox"/> STATE GOV. AGENCY	<input checked="" type="checkbox"/> LOCAL GOV. UNIT	<input type="checkbox"/> NON-PROFIT ORGANIZATION	<input type="checkbox"/> OTHER (Specify)	

2. LOCALITIES TO BE SERVED				
CITIES, TOWNS, OR AREAS (List separately)	COUNTY	P O P U L A T I O N		
		1960	CURRENT (Est.)	TO BE SERVED BY PROJECT
Craven County Rural Area	Craven	68,000	70,000	45,000

3. DESCRIPTION AND PURPOSE OF PROPOSED PROJECT	
A. DESCRIPTION To provide for solid waste disposal centers located in nine specific areas in rural Craven County. The purpose is to provide safe, sanitary, and convenient locations for rural citizens of the county to dump solid waste materials.	
B. PUBLIC INTEREST AND NECESSITY There are many dangers improper disposal of solid waste imposes on our society. Open dumps provide breeding grounds for rats, flies, mosquitoes and cockroaches, all of which are vectors of many dangerous diseases. Foul odors and smoke arising from open dumps pollute the atmosphere and make contented living in the area impossible. Real estate values are considerably lower in areas where open dumps exist. Fire is a constant threat to adjacent property. The blight on the beauty of the landscape, all contribute to the demands of the population that this condition be corrected.	
C. PLANNING AGENCY (County, Multi-county, Regional, etc.) <input checked="" type="checkbox"/> REVIEWED BY PLANNING AGENCY (Attach comments) <input type="checkbox"/> NOT REVIEWED BY PLANNING AGENCY (If not, explain)	

4. METHOD OF FINANCING (In thousands of dollars)

SOURCE OF FUNDS	C O M P O N E N T S				TOTAL
	W A S T E		WATER	OTHER (Describe in G. below)	
	TREATMENT (1)	COLLECTION (2)			
			(3)	(4)	(5)
A. FEDERAL GRANT REQUESTED	\$	\$	\$	\$ 40,000	\$ 40,000
B. FEDERAL LOAN REQUESTED					
C. OTHER FEDERAL CONTRIBUTION					
D. STATE CONTRIBUTION					
E. APPLICANT CONTRIBUTION				40,000	40,000
F. ESTIMATED TOTAL PROJECT COST	\$	\$	\$	\$ 80,000	\$ 80,000

G.

5. OTHER FEDERAL ASSISTANCE - PREVIOUS OR PENDING

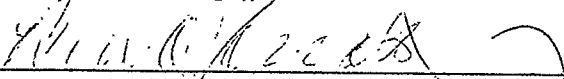
NAME OF AGENCY	TYPE OF ASSISTANCE	INDEBTEDNESS OUTSTANDING, IF ANY	AMOUNT REQUESTED

The applicant represents that the data in this application are true and correct to the best of his knowledge and belief and that the filing of this application has been duly authorized by the governing body of the applicant.

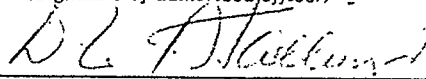
EXACT LEGAL (Corporate) NAME OF APPLICANT (If unincorporated, enter proposed name)

County of Craven, North Carolina

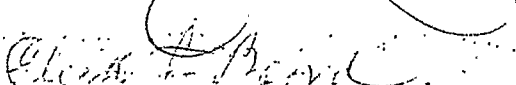
ATTEST (Signature of attesting officer)



BY (Signature of authorized officer)



TITLE



TITLE

D.L. Stallings, Chairman
Craven County Commissioners

NOTE: Additional Information May Be Requested To Support This Application.

(DO NOT WRITE IN THIS SPACE - FOR GOVERNMENT USE ONLY)

...the applicant represents that the data in this application are true and correct to the best of his knowledge and belief and that the filing of this application has been duly authorized by the governing body of the applicant.

COMMUNITY SOLID WASTE PRACTICES
COMMUNITY DESCRIPTION REPORT

1. STATE <i>NC</i>		2. COUNTY <i>Craven</i>		3. COMMUNITY <i>New Bern</i>		4. DISTRICT <i>3 2 5 0</i>		5. ZIP CODE <i>0 1</i>		
4. DOES THE COMMUNITY OPERATE OR EXERCISE JURISDICTION OVER ALL OR ANY PART OF A SOLID WASTE COLLECTION OR DISPOSAL SYSTEM? (Check appropriate categories)										
OPERATE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO EXERCISE JURISDICTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				COLLECTION		DISPOSAL				
				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
5. IF THE COMMUNITY IS A COUNTY, DISTRICT, OR OTHER POLITICAL JURISDICTION CONTAINING INCORPORATED PLACES, LIST SUCH INCORPORATED PLACES INCLUDED IN THIS COMMUNITY										
a.		b.		c.						
19 20 21 22		23 24 25 26		27 28 29 30						
IF ADDITIONAL ENTRIES ARE REQUIRED, CHECK HERE <input type="checkbox"/> (31) AND MAKE ADDITIONAL ENTRIES IN ITEM #39.										
6. IF THE COMMUNITY IS A COUNTY, DISTRICT, OR OTHER POLITICAL JURISDICTION CONTAINING INCORPORATED PLACES, LIST SUCH INCORPORATED PLACES THAT HAVE BEEN OR WILL BE SURVEYED SEPARATELY										
a.		b.		c.						
32 33 34 35		36 37 38 39		40 41 42 43						
IF ADDITIONAL ENTRIES ARE REQUIRED, CHECK HERE <input type="checkbox"/> (44) AND MAKE ADDITIONAL ENTRIES IN ITEM #39.										
7. POPULATION OF COMMUNITY, 1960 CENSUS.		8. EST. CURRENT POPULATION		9. TOTAL AREA OF COMMUNITY (Sq. miles)						
15717		18000		2.7						
10. WHICH PLANNING AGENCIES INCLUDE SOLID WASTES AS PART OF THEIR COMPREHENSIVE PLANNING? (Check all appropriate categories)										
63 <input checked="" type="checkbox"/> NO AGENCY 64 <input type="checkbox"/> LOCAL 65 <input type="checkbox"/> COUNTY 66 <input type="checkbox"/> REGIONAL										
S T O R A G E	11. LEGISLATIVE-ADMINISTRATIVE REGULATIONS GOVERNING ON-SITE STORAGE (Check appropriate categories)								D O N O T U S E	
	SOURCE	GARBAGE				OTHER REFUSE				
		REGULATIONS		ENFORCED		REGULATIONS		ENFORCED		
		YES	NO	YES	NO	YES	NO	YES		NO
	HOUSEHOLD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
	COMMERCIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
	INDUSTRIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
	AGRICULTURAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
	INSTITUTIONAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
	12. LEGISLATIVE-ADMINISTRATIVE REGULATIONS FOR ON-SITE STORAGE ENFORCED PRINCIPALLY BY (Check one only)									
<input type="checkbox"/> NO ENFORCEMENT <input checked="" type="checkbox"/> OPERATIONAL AUTHORITY <input type="checkbox"/> POLICE <input type="checkbox"/> HEALTH AUTHORITY <input type="checkbox"/> OTHER (Specify) _____										
C O L L E C T I O N	13. SUPERVISION FOR WORK PERFORMANCE OF PRIVATE COLLECTORS PROVIDED PRIMARILY BY (Check one only)				15. CLASSES OF HOUSEHOLD REFUSE NOT COLLECTED (Check appropriate categories)		16. HOUSEHOLD REFUSE COLLECTION FREQ.			
	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> HEALTH DEPARTMENT <input type="checkbox"/> PUBLIC WORKS DEPARTMENT <input type="checkbox"/> OTHER (Specify) _____				GARBAGE <input type="checkbox"/>		TYPES OF REFUSE COLLECTED SEPARATELY COMBINED COLLECTION <input type="checkbox"/> 1 PER WEEK <input checked="" type="checkbox"/> 2 PER WEEK <input type="checkbox"/> OTHER <input type="checkbox"/>			
	14. COLLECTION WORK PERFORMED BY (Estimate to nearest 10% volume for each type of refuse. Rows should add horizontally to 100%)				RUBBISH <input type="checkbox"/>		GARBAGE <input type="checkbox"/>			
	SOURCE	PUBLIC AGENCY	PRIVATE COLLECTOR	INDIVIDUAL	YARD REFUSE <input type="checkbox"/>		RUBBISH <input type="checkbox"/>			
	HOUSEHOLD	100			ASHES <input type="checkbox"/>		YARD REFUSE <input type="checkbox"/>			
	COMMERCIAL	100			COMBUSTIBLES <input type="checkbox"/>		ASHES <input type="checkbox"/>			
	INDUSTRIAL	75		25	NON-COMBUSTIBLES <input type="checkbox"/>		COMBUSTIBLES <input type="checkbox"/>			
	INSTITUTIONAL	100			BULKY ITEMS (Refrigerators, etc.) <input type="checkbox"/>		NON-COMBUSTIBLES <input type="checkbox"/>			
	DEAD ANIMALS	100			OTHER (Specify) <input type="checkbox"/>		BULKY ITEMS (Refrigerators, etc.) <input type="checkbox"/>			
	ABANDONED VEHICLES	100			OTHER (Specify) <input type="checkbox"/>		OTHER (Specify) <input type="checkbox"/>			

COMMUNITY DESCRIPTION REPORT (Page 2)

17. DEAD ANIMALS COLLECTED ANNUALLY LARGE ANIMALS <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block; text-align: center;">0</div> </div> <div style="margin-top: 5px;">65 66 67</div>			FIGURES AT LEFT REFER TO NUMBER OF ANIMALS <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>			TONS OF ANIMALS <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>			ARE THESE FIGURES ESTIMATES? <input type="checkbox"/> YES <input type="checkbox"/> NO			19. AVERAGE MANPOWER (MAN-YEARS) AND EQUIPMENT USED FOR COLLECTING COMMUNITY SOLID WASTES												0	3								
												SOURCES OF WASTES <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">HOUSEHOLD</th> <th style="width: 15%;">COMMERCIAL</th> <th style="width: 15%;">INSTITUTIONAL</th> <th style="width: 15%;">STREET CLEANING</th> <th style="width: 15%;">INDUSTRIAL</th> </tr> <tr> <td>COLLECTORS AND DRIVERS (Man-years)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMPACTOR TRUCKS (Number)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>OTHER VEHICLES (Number)</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												HOUSEHOLD	COMMERCIAL	INSTITUTIONAL	STREET CLEANING	INDUSTRIAL	COLLECTORS AND DRIVERS (Man-years)				
HOUSEHOLD	COMMERCIAL	INSTITUTIONAL	STREET CLEANING	INDUSTRIAL																													
COLLECTORS AND DRIVERS (Man-years)																																	
COMPACTOR TRUCKS (Number)																																	
OTHER VEHICLES (Number)																																	

18. NUMBER OF ABANDONED VEHICLES COLLECTED ANNUALLY (Enter number) <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block; text-align: center;">1</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block; text-align: center;">5</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block; text-align: center;">2</div> </div> <div style="margin-top: 5px;">76 77 78 79 80</div>												20. INDICATE AMOUNTS (MEASURED OR ESTIMATED) OF COMMUNITY SOLID WASTES COLLECTED ANNUALLY <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">CLASSIFICATION</th> <th style="width: 15%;">MEASURED</th> <th style="width: 15%;">ESTIMATED</th> <th style="width: 10%;">TONS</th> <th style="width: 10%;">YARDS</th> </tr> <tr> <td>REFUSE (Household)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>REFUSE (Commercial)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>REFUSE (Combined household and commercial)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>REFUSE (Industrial)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>REFUSE (Agricultural)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>REFUSE (Institutional)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DEMOLITION AND CONSTRUCTION REFUSE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>STREET AND ALLEY CLEANINGS</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TREE AND LANDSCAPING REFUSE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>PARK AND BEACH REFUSE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CATCH BASIN REFUSE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SEWAGE TREATMENT PLANT SOLIDS AND PUMPING STATION CLEANINGS</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												CLASSIFICATION	MEASURED	ESTIMATED	TONS	YARDS	REFUSE (Household)					REFUSE (Commercial)					REFUSE (Combined household and commercial)					REFUSE (Industrial)					REFUSE (Agricultural)					REFUSE (Institutional)					DEMOLITION AND CONSTRUCTION REFUSE					STREET AND ALLEY CLEANINGS					TREE AND LANDSCAPING REFUSE					PARK AND BEACH REFUSE					CATCH BASIN REFUSE					SEWAGE TREATMENT PLANT SOLIDS AND PUMPING STATION CLEANINGS					48	49
CLASSIFICATION	MEASURED	ESTIMATED	TONS	YARDS																																																																																						
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SEWAGE TREATMENT PLANT SOLIDS AND PUMPING STATION CLEANINGS																																																																																										

21. AGENCY PRIMARILY RESPONSIBLE FOR RECOMMENDATIONS FOR LOCATION AND DEVELOPMENT OF NEW DISPOSAL SITES OR FACILITIES (Check one only)												22. AGENCY PRIMARILY RESPONSIBLE FOR REGULATION OF DISPOSAL FACILITY OPERATIONS (Check one only)												50	51
<input type="checkbox"/> NONE <input checked="" type="checkbox"/> OPERATIONAL AUTHORITY												<input type="checkbox"/> HEALTH AUTHORITY <input type="checkbox"/> POLICE <input type="checkbox"/> OTHER (Specify) _____												52	53
23. IS ON-SITE OPEN BURNING OF DEMOLITION, CONSTRUCTION, AND/OR LAND CLEARANCE WASTES . . .												24. IS BACKYARD BURNING OF HOUSEHOLD REFUSE . . .												54	55
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO												<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO												56	57
25. IS ON-SITE OPEN BURNING OF COMMERCIAL, INSTITUTIONAL, INDUSTRIAL AND/OR AGRICULTURAL WASTES . . .												26. IS ON-SITE OPEN BURNING OF COMMERCIAL, INSTITUTIONAL, INDUSTRIAL AND/OR AGRICULTURAL WASTES . . .												58	59
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO												<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO												60	61

COMMUNITY DESCRIPTION REPORT (PAGE 3)

D I S P O S I O N S A L	26. INDICATE BELOW THE NUMBER OF REDUCTION AND/OR DISPOSAL SITES UTILIZED BY THE COMMUNITY'S PUBLIC COLLECTORS, PRIVATE COLLECTORS AND/OR INDIVIDUAL HAULERS (Enter Numbers)				28. USE OF COMPLETED LAND DISPOSAL SITES (List no. of sites in each category as applicable)				29. NUMBER OF PROMISCUOUS DUMPS WITHIN THE COMMUNITY'S BOUNDARIES KNOWN TO BE ACTIVE (Enter Number) 0 42 43 IF INFORMATION IS NOT AVAILABLE, CHECK HERE <input type="checkbox"/>			
	SITES		PUBLICLY OPERATED		PRIVATELY OPERATED		COMPLETED SITE USE		NUMBER			
	LAND DISPOSAL SITES		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div> 1		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		RECREATIONAL AREA OR PARK		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div> 2			
	INCINERATORS		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		PARKING LOT		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div> 1			
	TRANSFER STATIONS		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		LIGHT CONSTRUCTION		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>			
	HOG FEEDING LOTS		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		HEAVY CONSTRUCTION		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>			
	COMPOST PLANTS		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		AGRICULTURE		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>			
	TEPEE BURNERS		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div>		NO SPECIFIC USE		<div style="display: flex; justify-content: space-between;"><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div><div><div style="width: 10px; height: 10px; background-color: #ccc;"></div></div></div> 2			
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COMMUNITY DESCRIPTION REPORT (Page 4)

37. NAME AND TITLE OF PERSON COMPLETING FORM <div style="font-size: 1.2em; font-family: cursive;">Fred J. Wood</div>	ORGANIZATION AND ADDRESS <div style="font-size: 1.2em; font-family: cursive;">NC State Board of Health</div>	DATE OF SURVEY <table style="width:100%; text-align: center;"> <tr> <td>DAY</td> <td>MONTH</td> <td>YEAR</td> </tr> <tr> <td><div style="border: 1px solid black; padding: 2px 5px;">7</div></td> <td><div style="border: 1px solid black; padding: 2px 5px;">3</div></td> <td><div style="border: 1px solid black; padding: 2px 5px;">68</div></td> </tr> <tr> <td><small>66 67</small></td> <td><small>68 69</small></td> <td><small>70 71</small></td> </tr> </table>	DAY	MONTH	YEAR	<div style="border: 1px solid black; padding: 2px 5px;">7</div>	<div style="border: 1px solid black; padding: 2px 5px;">3</div>	<div style="border: 1px solid black; padding: 2px 5px;">68</div>	<small>66 67</small>	<small>68 69</small>	<small>70 71</small>
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<small>66 67</small>	<small>68 69</small>	<small>70 71</small>									

38. IF SOURCES OTHER THAN REPORTER DESIGNATED IN ITEM 37 WERE UTILIZED IN COMPLETING THIS FORM, INDICATE BELOW THE SOURCES USED AND ITEM NUMBER(S)

DATA SOURCES

NAME OF PERSON	TITLE	ORGANIZATION	ITEM NUMBER(S)
<i>Mr. Cedrick Boyd</i>	<i>Superintendent of public works</i>	<i>New Bern</i>	<i>4, 11-30, 34-36</i>
<i>Mr. Alton Harris</i>	<i>Sanitation Supervisor</i>	<i>Craven Co. Health Dept</i>	<i>31-33</i>

39. CONTINUATION ITEMS

ITEM NO.	ADDITIONAL INFORMATION

40. REMARKS (Attach additional sheet if necessary)

Craven Co.

NORTH CAROLINA
STATE BOARD OF HEALTH
RALEIGH

February 18, 1970

Mr. Alton Harris, Sanitarian Supervisor
Craven County Health Department
New Bern, North Carolina 28561

Dear Mr. Harris:

Please find enclosed the investigative reports and recommendations in regard to planning for two sanitary landfills in Craven County. Sketches of the proposed sites and recommended operational plans are attached to the reports.

If this office can be of further assistance in preparing refuse disposal plans, do not hesitate to call.

Sincerely yours,

Jerry C. Perkins, Sanitary Engineer
Insect and Rodent Control Section
Sanitary Engineering Division

JP/ag

cc: Mr. Fred Wood

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Proposed Landfill Site for
Craven County

Place visited Landfill site near Bridgeton Date February 4, 19 70
Address Craven County, North Carolina Time spent 1 day
By whom Jerry C. Perkins, Sanitary Engineer, N. C. State Board of Health
Persons contacted (See report)
(Owner, agent, tenant, manager, other)
Reason for visit To provide recommendations for a landfill operation

Copies to:

Mr. Fred Wood, District Sanitarian, N. C. State Board of Health
Mr. Alton Harris, Sanitarian Supervisor, Craven County Health Dept., New Bern, N. C.

REPORT:

The following persons were contacted during the formulation of information required for the Craven County landfill site planning: Mr. Alton Harris, Sanitarian Supervisor, Craven County Health Dept.; Mr. C. H. Hamm, Jr., Sanitarian, Craven County Health Department; Mr. Joe Freeman of Engineering Associates, New Bern; and Mr. Fred Wood, District Sanitarian, N. C. State Board of Health.

The tract investigated lies approximately 2.5 miles north of Bridgeton on State Road 1614. The tract contains approximately 10 acres and is to be leased from International Paper Company. Approximately 25% of this tract, an old borrow pit, has been in use as a refuse disposal area for many years. A considerable volume of discarded appliances, refrigerators, cars, etc. were observed in the existing heap of refuse.

The overall terrain is flat and practically no natural drainage exist. Parameters for the landfill planning are the property lines of the tract as shown on the attached drawings and State Road 1614. Soil was observed to be a sandy material with a grey silt intermixed. The northwestern sector of the property was observed to have the highest elevations. All the area outside the old borrow pit boundary is woodland, mostly pines and underbrush. Considering the existing conditions, the tract lends

itself to the area-ramp method of disposal by sanitary landfill. The population to be served by this site is approximately 10,000 persons.

Recommendations:

- (1) Utilize the area-ramp method of disposal.
- (2) Prepare the existing disposal area for the area-ramp method by
 - (a) Filling the remainder of the flooded borrow pit with existing refuse, (b) Cutting a trench approximately 250 long, 40 feet wide, and 7 feet deep just in back of the existing heap of refuse to receive the remainder of the existing refuse and to provide cover material, (c) Pushing, as practical, existing refuse to the rear of the old borrow pit, and (d) Constructing an entrance road with stable, earth material.
- (3) Construct compacted and covered cells of refuse on either side of the entrance road. Cell demensions should be approximately 12 feet wide and 6 feet deep. Length will vary with the volume.
- (4) Compact and cover on a frequency of at least every other day.
- (5) Cover material is to be obtained from the area of high elevation and from spoil pile of the trench excavation.
- (6) Equipment needs are not discussed as this site will be serviced by rotating equipment serving additional sites.
- (7) No burning is to be allowed.
- (8) It is not recommended that cars be included in the landfill operation. Should they be deposited, it is recommended that they be set aside in a storage area and be disposed by some other appropriate means.
- (9) Provide signs showing landfill location and instructions to users.
- (10) Due to the terrain, expected drainage problems, and existing refuse volume, it is recommended that this site be used only on a temporary basis and that another site in this vicinity be selected for any long range development.

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- (10) Due to the terrain, expected drainage problems, and existing refuse volume, it is recommended that this site be used only on a temporary basis and that another site in this vicinity be selected for any long range development.

LOCATION PLAN
FOR
CRAVEN CO. LANDFILL
AREA

NEAR BRIDGETON

DRAWN BY: JCP, SED, SBA

DATE: 4 FEB 1970

SCALE: 1" = 330'

NOTES: (1) PLAN PREPARED FROM ASC AERIAL PHOTO.
SCALE IS APPROXIMATE

(2) SITE HAS VERY POOR DRAINAGE

PROPOSED CRAVEN CO. LANDFILL SITE

10.1 ACRES

DIRECTION OF NATURAL DRAINAGE
LOW, WET AREA

NORFOLK-SOUTHERN RAILROAD

SR 1614

2.5 MILES
BRIDGETON

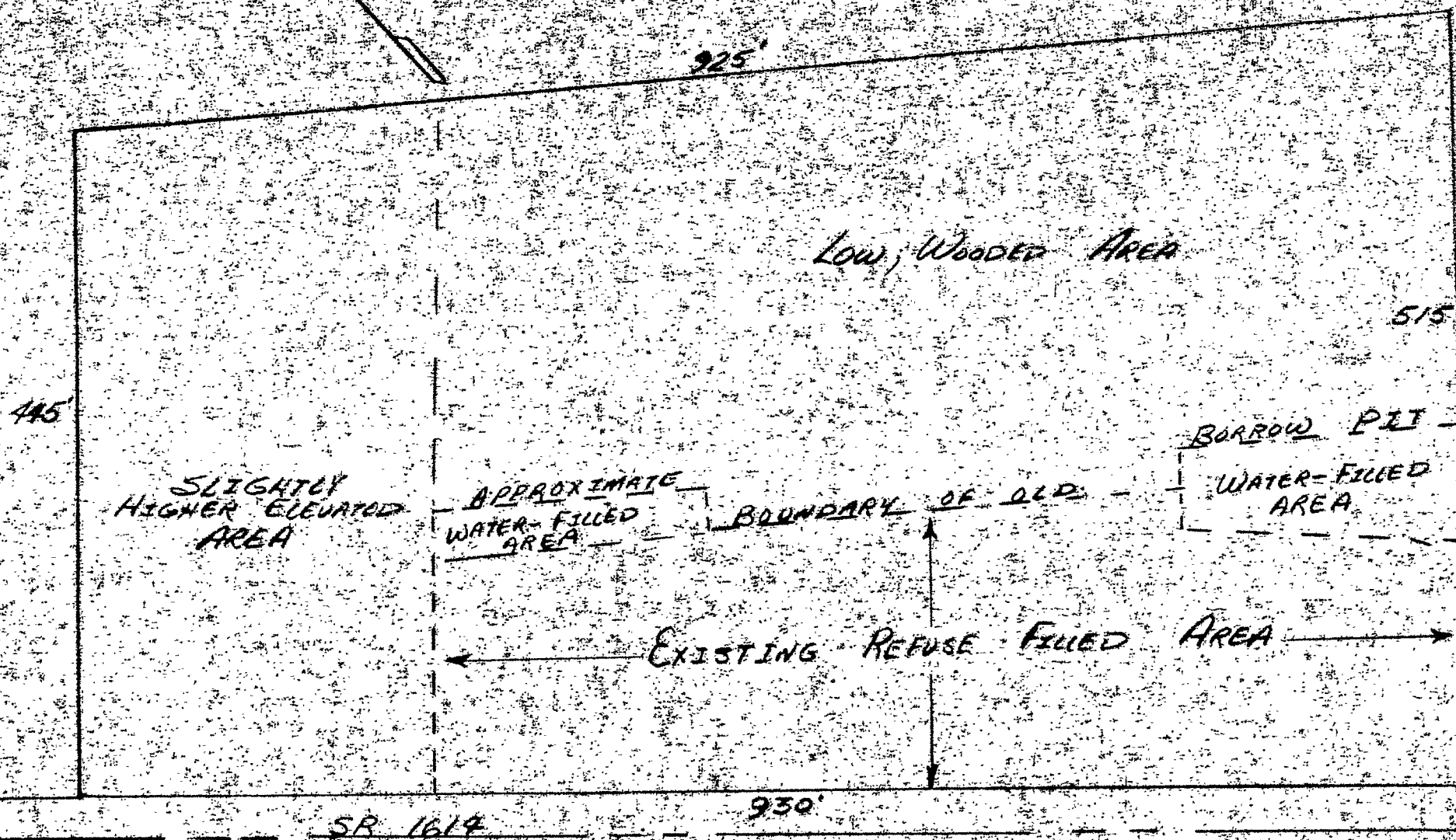
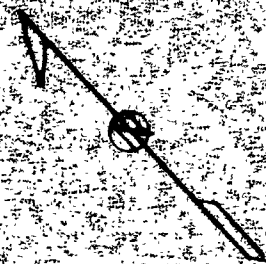
NEAREST
MAINTAINED
AGRICULTURAL
DRAINAGE

SR 1613

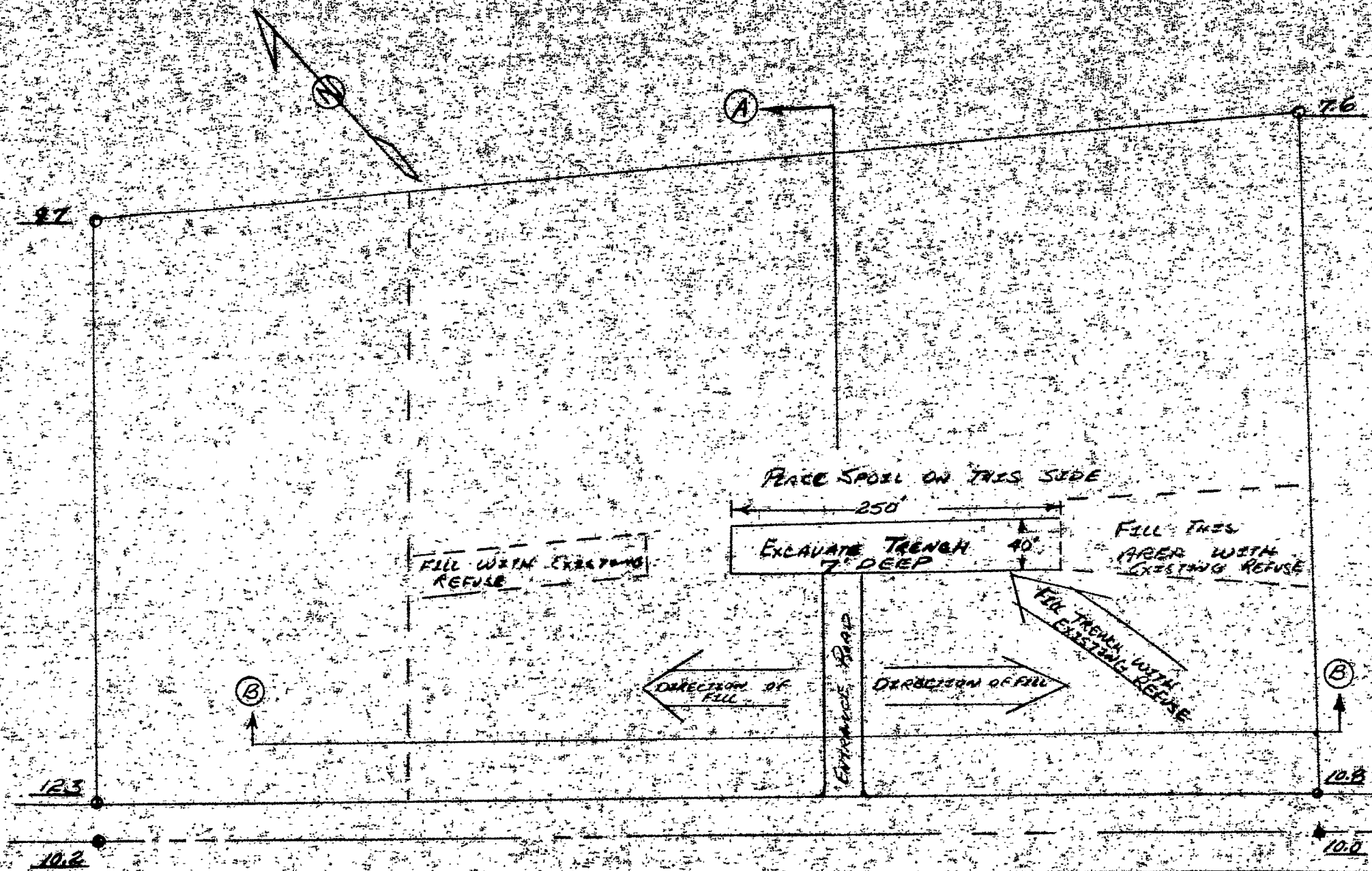
ROADSIDE DRAINAGE

Highway 55

Sheet No 1 of 2



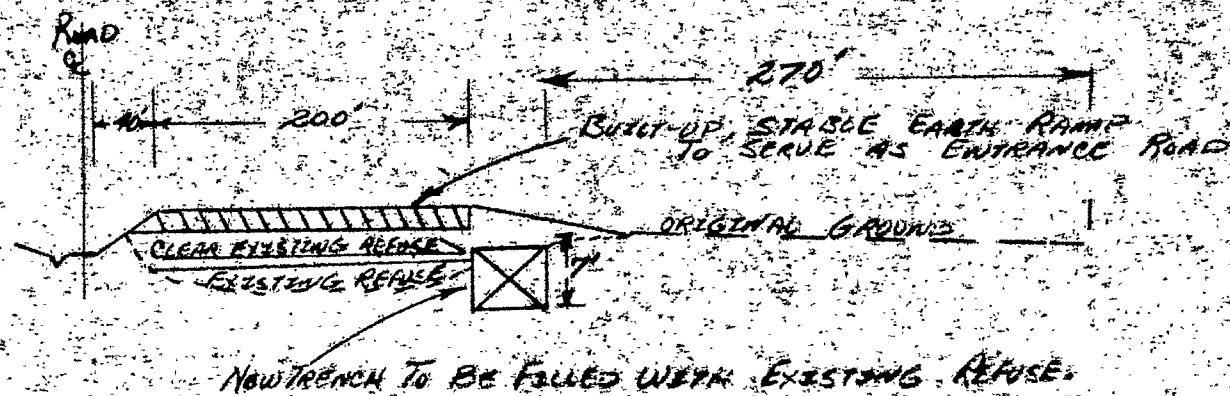
SITE PLAN
OWN BY: JCP
DATE: 4 FEB 70
SCALE: 1" = 100'
SHEET No. 2 of 4



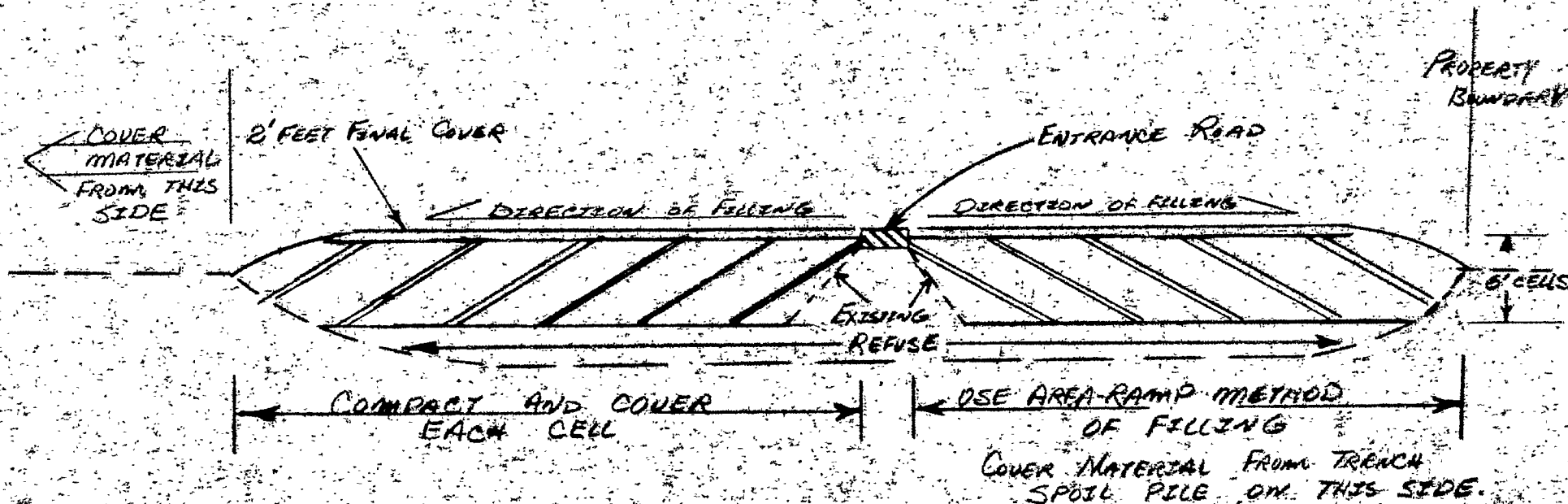
NOTES (1) ELEVATIONS SHOWN ARE RELATIVE

A

OPERATIONAL PLAN
OWN BY: JCP
DATE: 4 FEB 70
SCALE: 1" = 100'
SHEET NO. 3 OF 4



SECTION A-A



SECTION B-B

CROSS SECTIONS
 DON BY: JCP
 DATE: 4 FEB 70
 SCALE: NONE
 SHEET NO 2 OF 4

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Proposed Landfill Site for
Craven County

Place visited Landfill site near Pine Grove Date February 5, 19 70

Address Craven County, North Carolina Time spent 1 day

By whom Jerry C. Perkins, Sanitary Engineer, N. C. State Board of Health

Persons contacted (See report)
(Owner, agent, tenant, manager, other)

Reason for visit To provide recommendations for a sanitary landfill operation.

Copies to:

Mr. Fred Wood, District Sanitarian, N. C. State Board of Health
Mr. Alton Harris, Sanitarian Supervisor, Craven County Health Dept., New Bern, N. C.

REPORT:

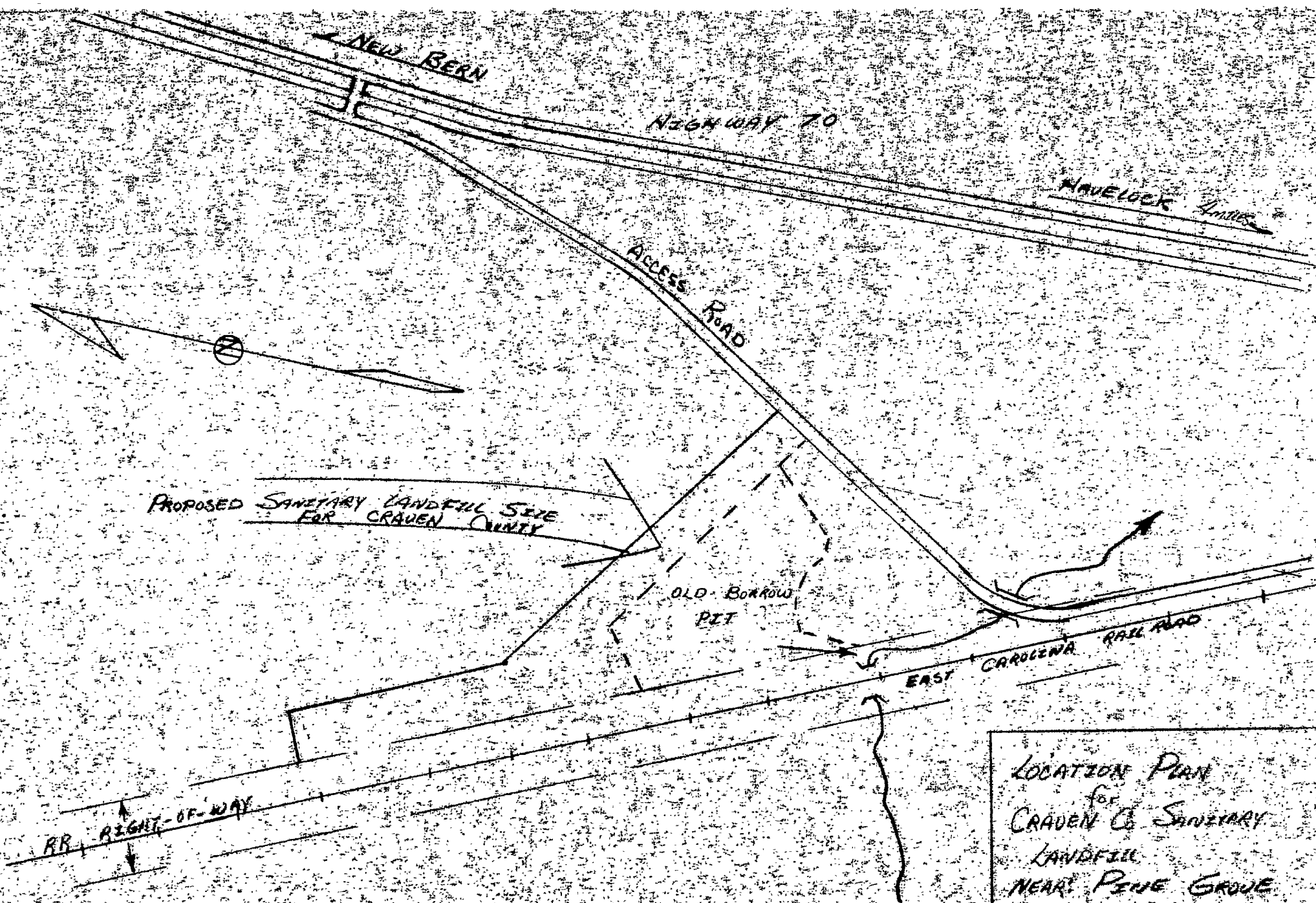
The following persons were contacted during the formulation of information required for the Craven County sanitary landfill site planning: Mr. Alton Harris, Sanitarian Supervisor, Craven County Health Department; Mr. C. H. Hamma, Jr., Sanitarian, Craven County Health Department; and Mr. Fred Wood, District Sanitarian, N. C. State Board of Health.

The tract investigated lies approximately 4 miles northwest of Havelock just off Highway 70 and near Pine Grove Community. The tract's access is an unpaved road which is presently unmaintained. The tract belongs to Croatan National Forest. Dimensions on the tract are to be used as good approximations since the negotiations for lease were in the initial stage and no plot plan was available. Roughly 60% of the tract is an old borrow pit. Presently 40% of the borrow pit area has been used as a refuse disposal area in the past. The overall terrain has a slight roll and drainage for the area and the borrow pit was observed to be fair. The parameters for the planned area are the property line on the northeast side, the access road on the southeast side, and the railroad right-of-way on the west side. A strip of undisturbed land, 100 feet wide with large pines, is located to the northeast of the borrow pit. The soil condition was observed to be a sandy clay. Under the

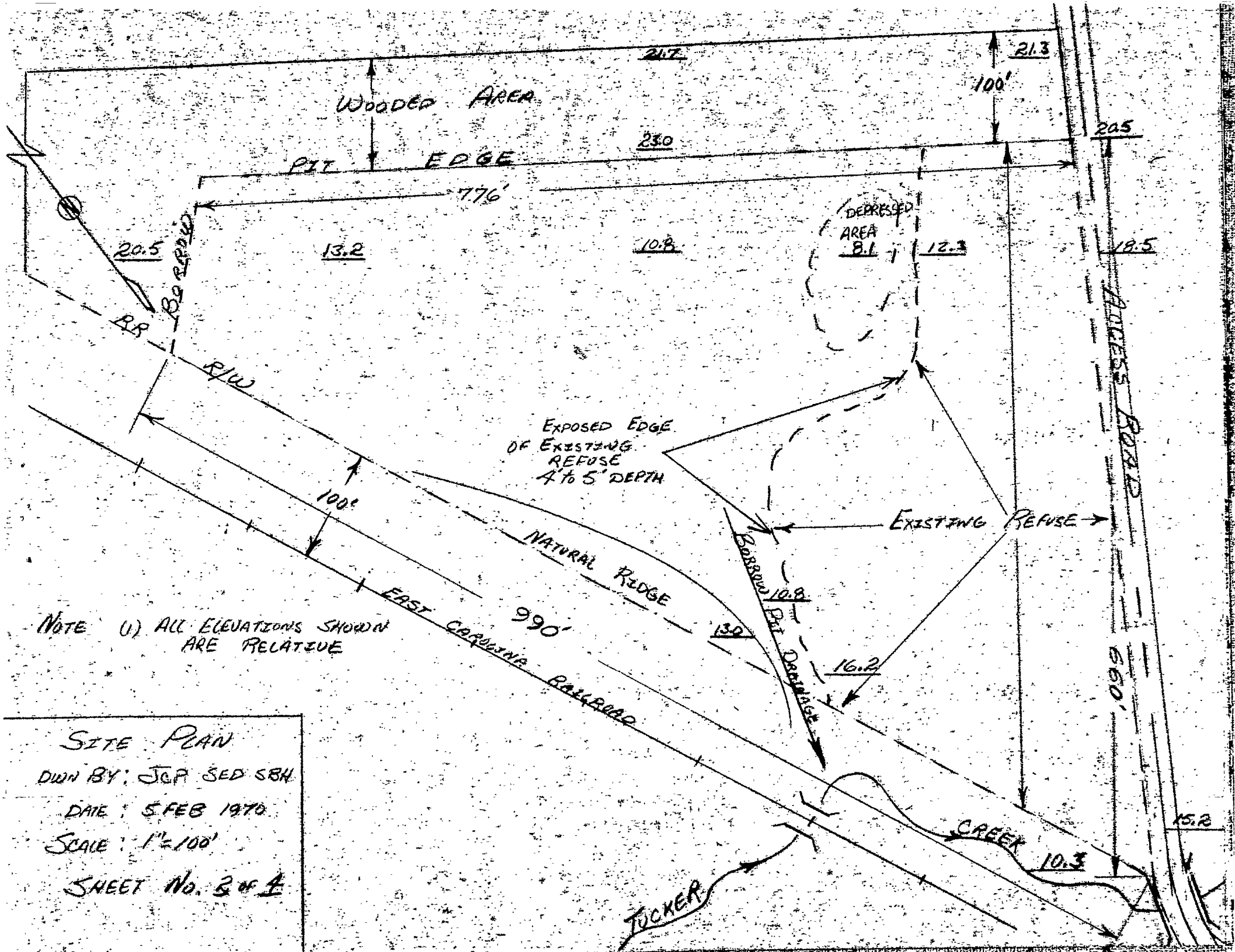
present conditions the site lends itself to the area-ramp method of disposal by sanitary landfill. The population to be served by this site is approximately 8,000 persons.

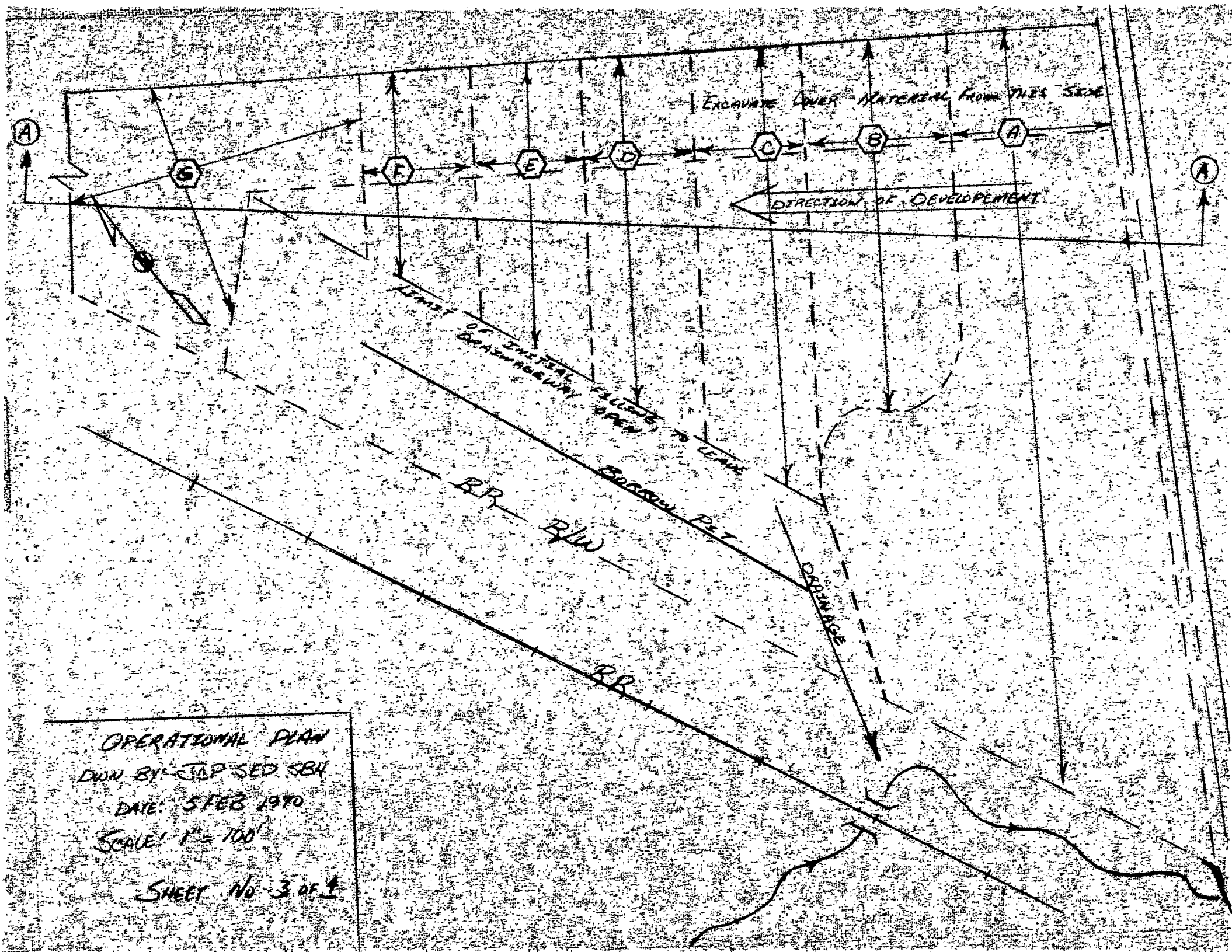
Recommendations:

- (1) Utilize the area-ramp method of disposal.
- (2) Incorporate the 100 feet of undisturbed area into the landfill operation by (a) Clearing the strip and (b) Excavating the undisturbed areas of A and B Sections to provide cover for the existing refuse of Section A.
- (3) Development of the site should revolve around the drainage outlet and precautions to prevent drainage blockage should be taken.
- (4) Cells, having the dimensions of approximately 12 feet wide and 6 feet deep, should be constructed, compacted, and sealed off. Length will vary with the volume being received and handled.
- (5) Cover material should be scooped from the borrow pit bottom as permitted.
- (6) During the filling of Sections A and B with refuse, Section C should be excavated for cover material. This type of progressive development should take place throughout the landfill site development.
- (7) Details for Section G and the remainder of the plot can be provided at a later date as development proceeds.
- (8) Compaction and covering should take place at least every other day.
- (9) No burning is to be allowed.
- (10) Provide signs showing landfill location and instructions to users.
- (11) Arrangements to maintain the access road should be made.
- (12) Cars should not be included in the landfill operation. In the event they are deposited at the site, store until other appropriate means of disposal are available.



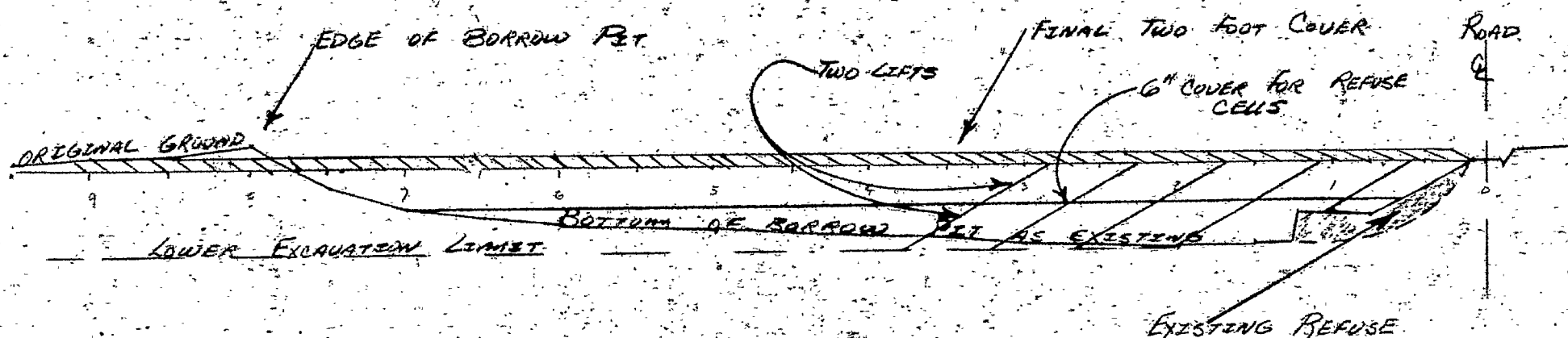
LOCATION PLAN
for
CRAVEN CO. SANITARY
LANDFILL
NEAR PINE GROVE
OWN BY JCP, SEP, 58H
DATE: 5 FEB 70
SCALE: 1" = 330'
SHEET No. 1 of 4





OPERATIONAL PLAN
 DWN BY: JOP SED SBH
 DATE: 5 FEB 1970
 SCALE: 1" = 100'

SHEET No 3 of 4



SECTION A-A

CROSS SECTION
 DWN BY: JCP SED SRH
 DATE: 5 FEB 1970
 SCALE: HOR. 1"=100'
 VERT. 1"=20'
 SHEET No. 1 of 1

February 18, 1970

Mr. Alton Harris, Sanitarian Supervisor
Craven County Health Department
New Bern, North Carolina 28561

OK
Dear Mr. Harris:

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Sincerely yours,

Jerry C. Perkins, Sanitary Engineer
Insect and Rodent Control Section
Sanitary Engineering Division

JP/mg

cc: Mr. Fred Wood

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Proposed Landfill Site for
Craven County

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Address Craven County, North Carolina Time spent 1 day
By whom Jerry C. Perkins, Sanitary Engineer, N. C. State Board of Health
Persons contacted (See report)
(Owner, agent, tenant, manager, other)
Reason for visit To provide recommendations for a landfill operation

Copies to:

Mr. Fred Wood, District Sanitarian, N. C. State Board of Health
Mr. Alton Harris, Sanitarian Supervisor, Craven County Health Dept., New Bern, N. C.

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Recommendations:

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LOCATION PLAN
for
CRAVEN Co. LANDFILL
AREA

NEAR: BRIDGETON

DRAWN BY: JCP, SED, SBA

DATE: 4 FEB 1970

SCALE: 1" = 330'

NEAREST
MAINTAINED
AGRICULTURAL
DRAINAGE

SR 1613

NOTE (1) PLAN PREPARED FROM ASC AERIAL PHOTO.
SCALE IS APPROXIMATE

(2) SITE HAS VERY POOR DRAINAGE

PROPOSED CRAVEN Co LANDFILL SITE

10.1 ACRES

DIRECTION OF NATURAL DRAINAGE
LOW WET AREA

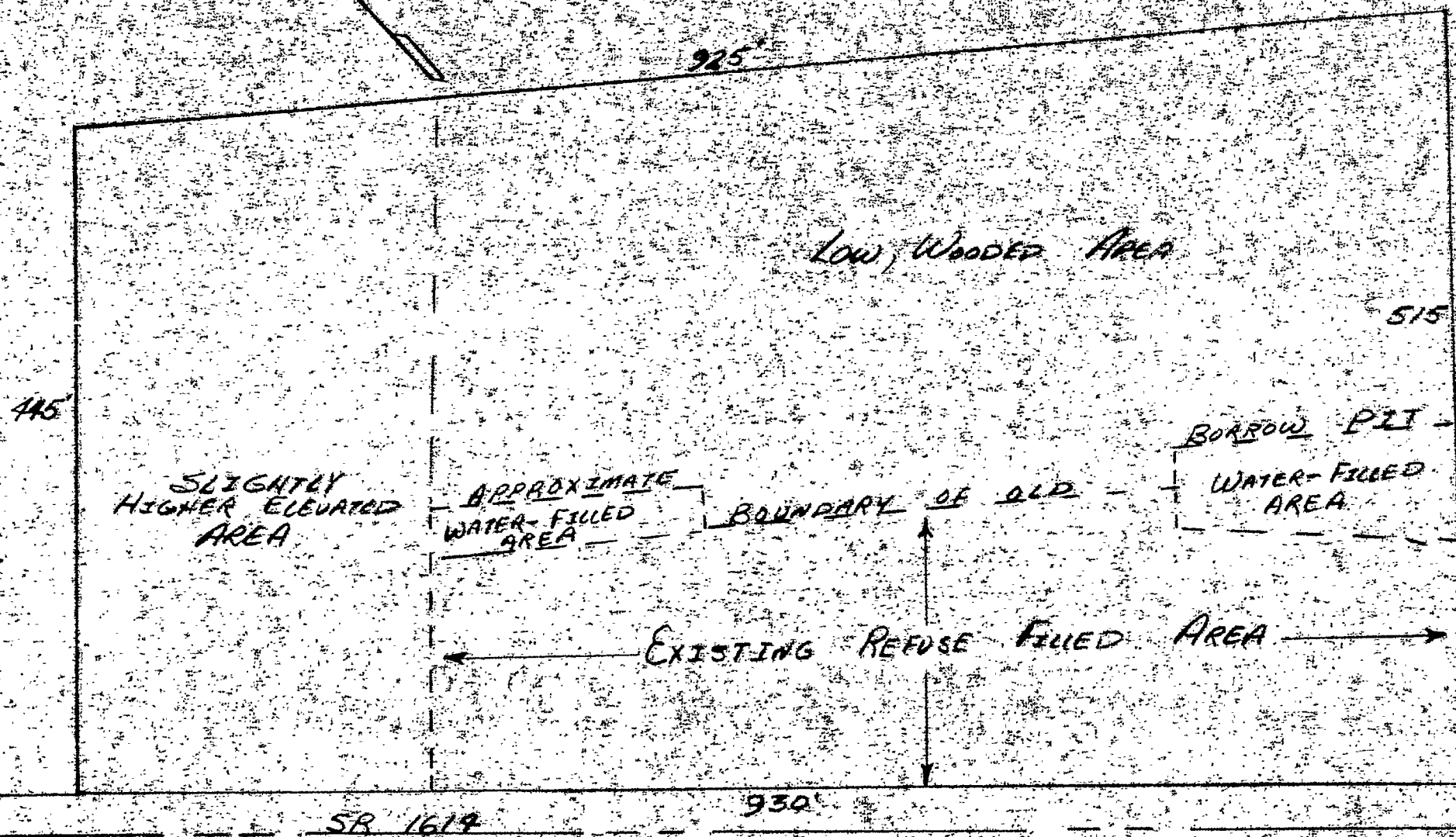
NORFOLK - SOUTHERN RAILROAD

SR 1614

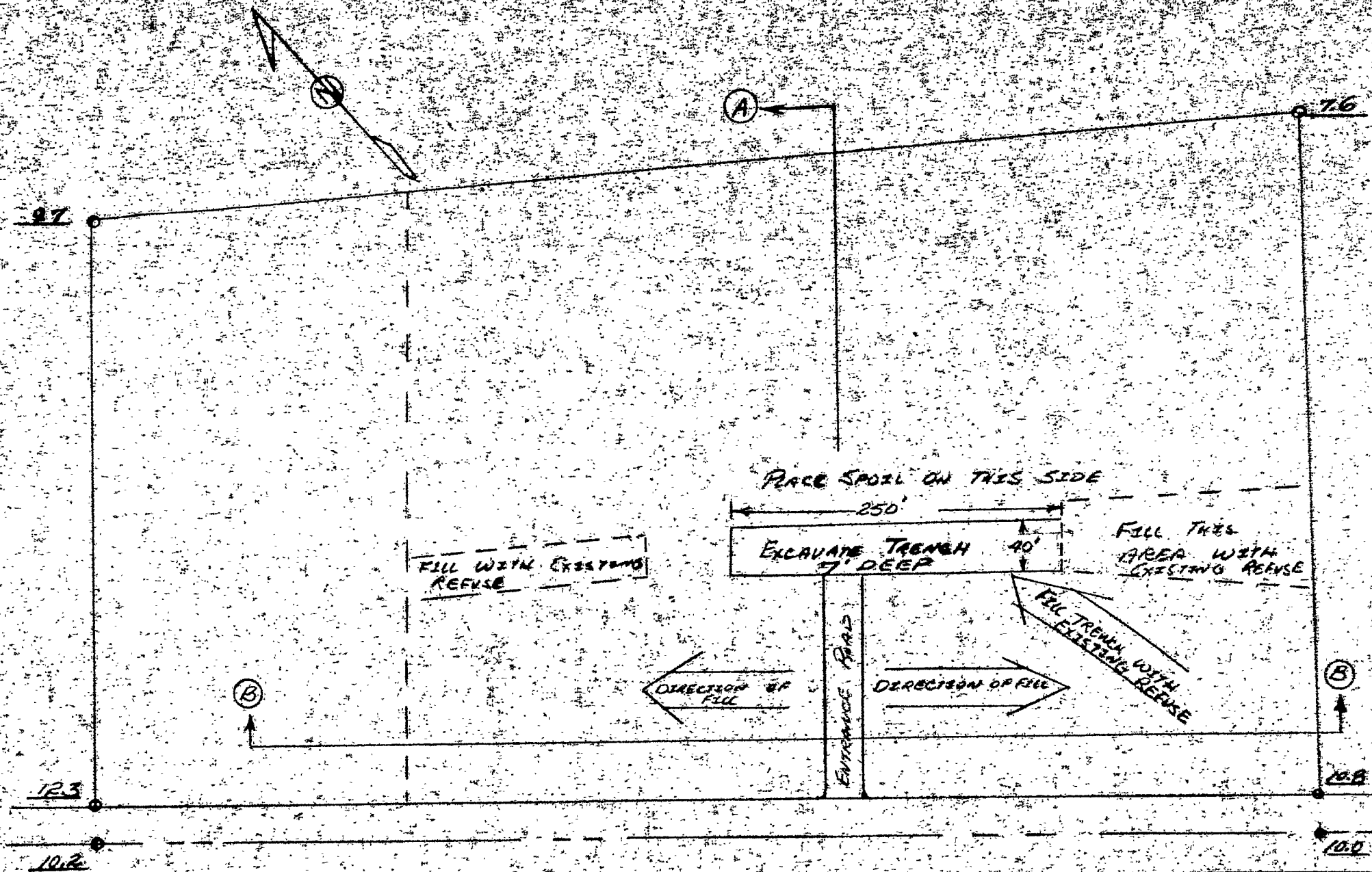
2.5 MILES
BRIDGETON

TO
Highway 55

SHEET No. 1 of 1



SITE PLAN
OWN BY: JCP
DATE: 4 FEB 70
SCALE: 1" = 100'
SHEET No. 2 of 4



NOTE (1) ELEVATIONS SHOWN ARE RELATIVE

(A)

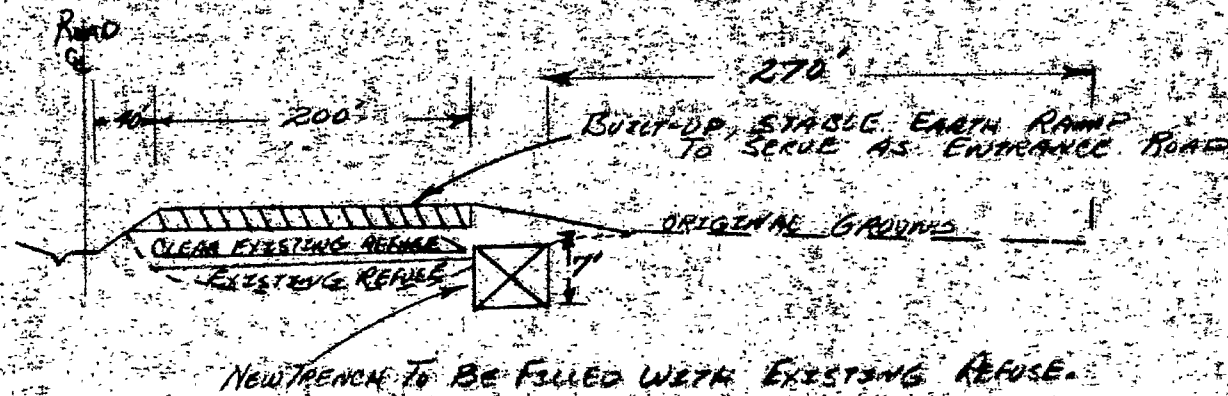
OPERATIONAL PLAN

OWN BY: JCP

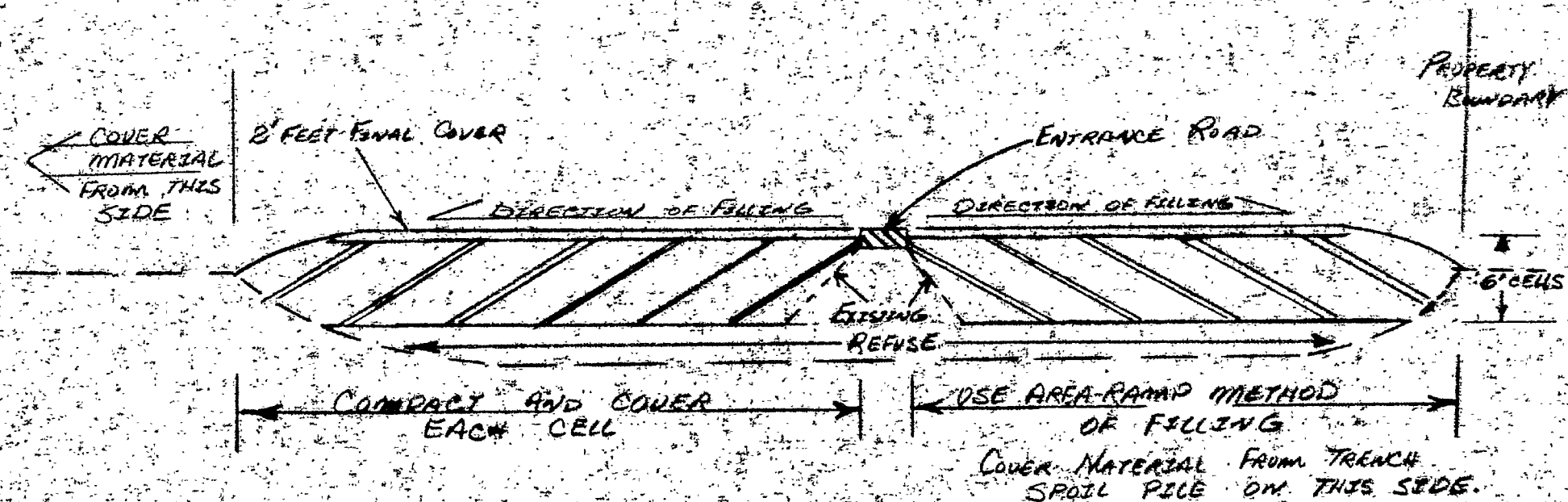
DATE: 4 FEB 70

SCALE: 1" = 100'

SHEET No. 3 of 4



SECTION A-A



SECTION BB

CROSS SECTIONS
 DRAWN BY: JCP
 DATE: 4 FEB 70
 SCALE: NONE
 SHEET No 4 of 4

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Proposed Landfill Site for
Craven County

Place visited Landfill site near Pine Grove Date February 5, 19 70

Address Craven County, North Carolina Time spent 1 day

By whom Jerry C. Perkins, Sanitary Engineer, N. C. State Board of Health

Persons contacted (See report)
(Owner, agent, tenant, manager, other)

Reason for visit To provide recommendations for a sanitary landfill operation.

Copies to:

Mr. Fred Wood, District Sanitarian, N. C. State Board of Health
Mr. Alton Harris, Sanitarian Supervisor, Craven County Health Dept., New Bern, N. C.

REPORT:

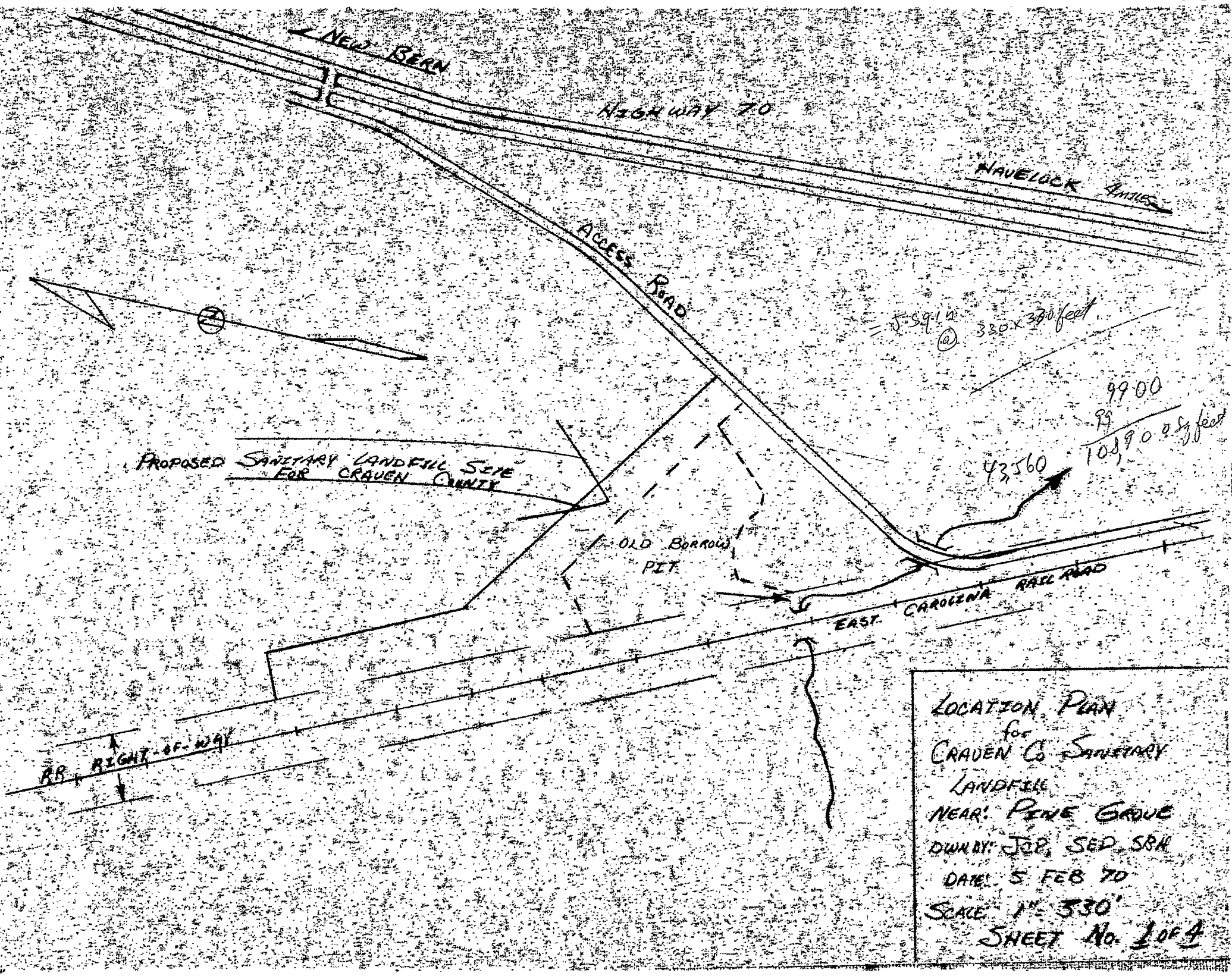
The following persons were contacted during the formulation of information required for the Craven County sanitary landfill site planning: Mr. Alton Harris, Sanitarian Supervisor, Craven County Health Department; Mr. C. H. Hama, Jr., Sanitarian, Craven County Health Department; and Mr. Fred Wood, District Sanitarian, N. C. State Board of Health.

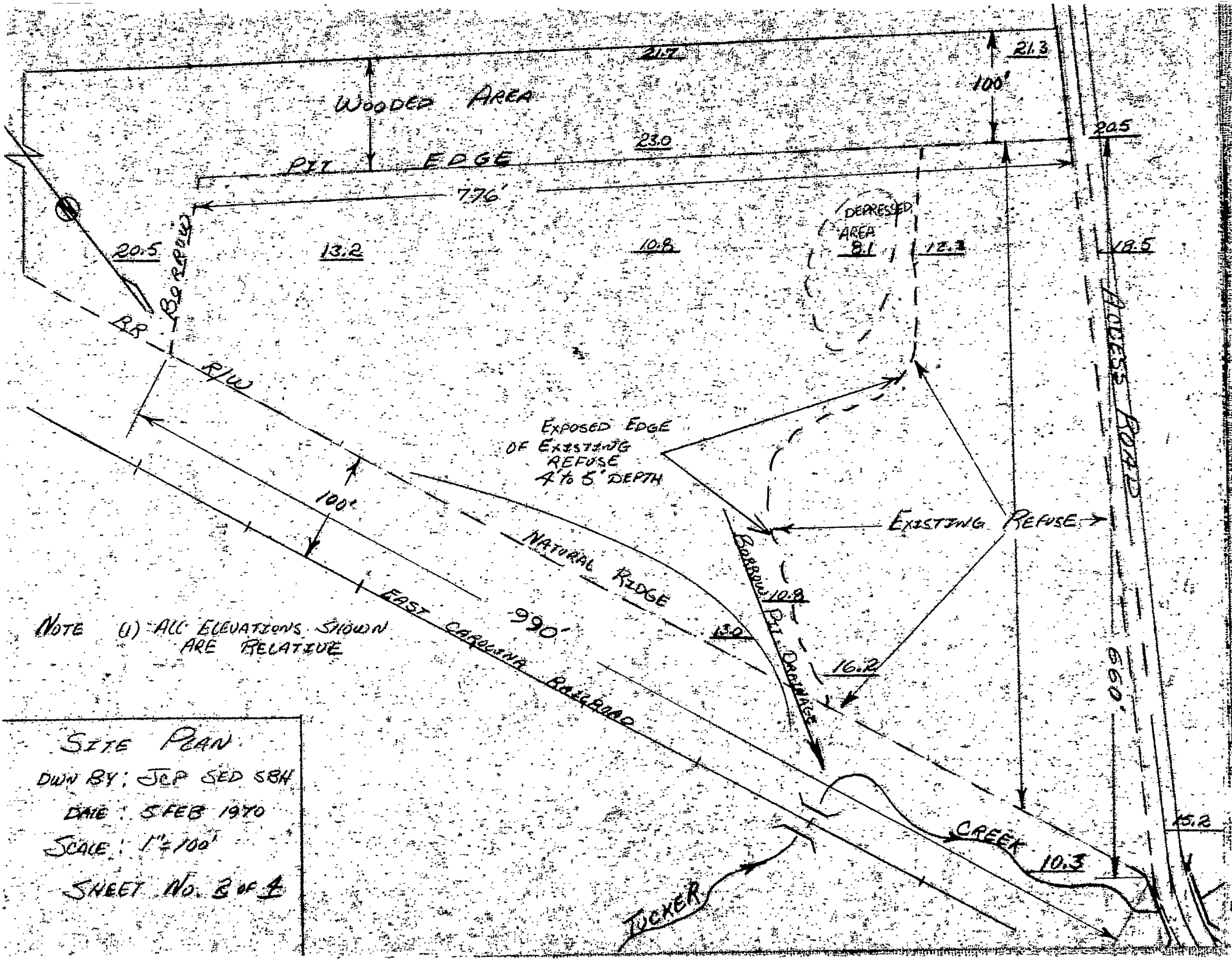
The tract investigated lies approximately 4 miles northwest of Havelock just off Highway 70 and near Pine Grove Community. The tract's access is an unpaved road which is presently unmaintained. The tract belongs to Croatan National Forest. Dimensions on the tract are to be used as good approximations since the negotiations for lease were in the initial stage and no plot plan was available. Roughly 60% of the tract is an old borrow pit. Presently 40% of the borrow pit area has been used as a refuse disposal area in the past. The overall terrain has a slight roll and drainage for the area and the borrow pit was observed to be fair. The parameters for the planned area are the property line on the northeast side, the access road on the southeast side, and the railroad right-of-way on the west side. A strip of undisturbed land, 100 feet wide with large pines, is located to the northeast of the borrow pit. The soil condition was observed to be a sandy clay. Under the

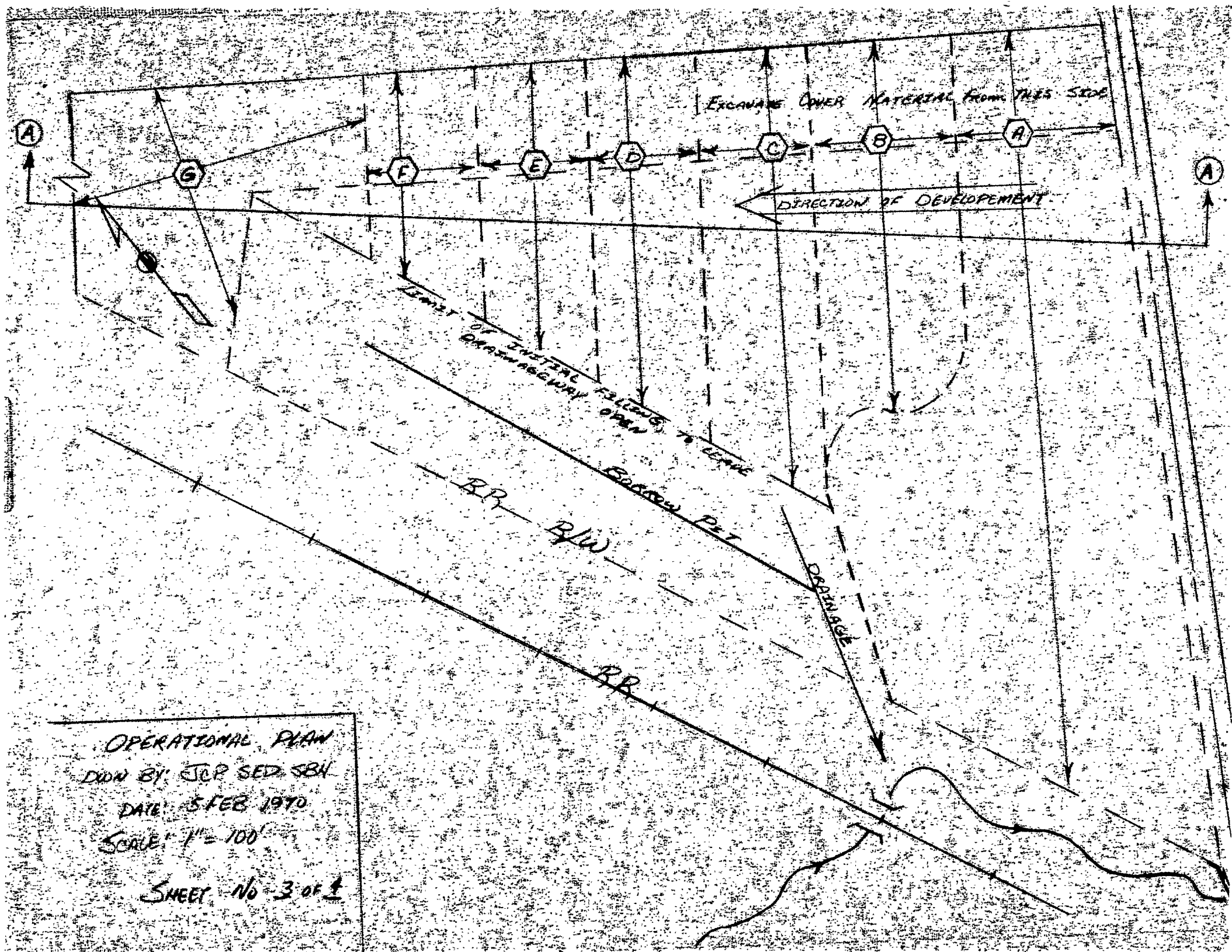
present conditions the site lends itself to the area-ramp method of disposal by sanitary landfill. The population to be served by this site is approximately 8,000 persons.

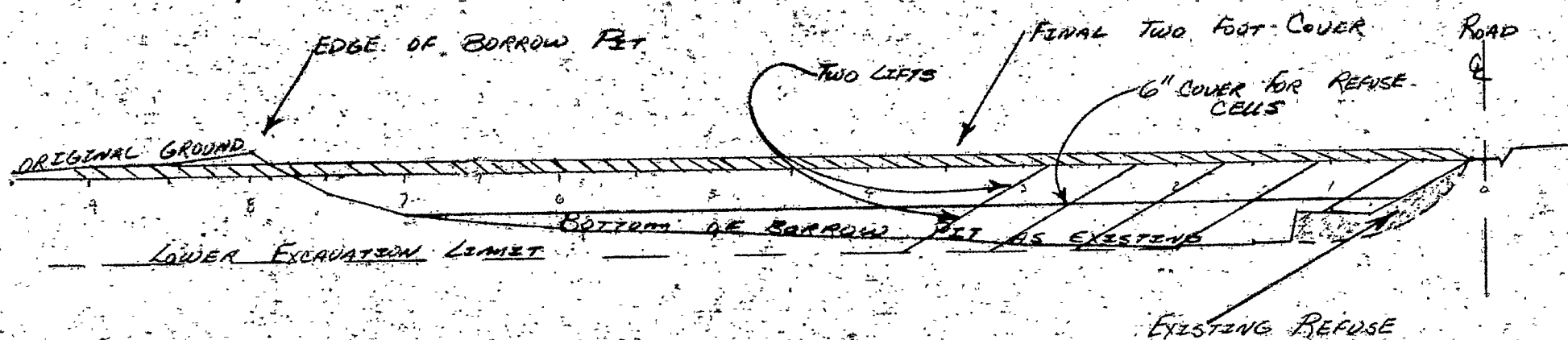
Recommendations:

- (1) Utilize the area-ramp method of disposal.
- (2) Incorporate the 100 feet of undisturbed area into the landfill operation by (a) Clearing the strip and (b) Excavating the undisturbed areas of A and B Sections to provide cover for the existing refuse of Section A.
- (3) Development of the site should revolve around the drainage outlet and precautions to prevent drainage blockage should be taken.
- (4) Cells, having the dimensions of approximately 12 feet wide and 6 feet deep, should be constructed, compacted, and sealed off. Length will vary with the volume being received and handled.
- (5) Cover material should be scooped from the borrow pit bottom as permitted.
- (6) During the filling of Sections A and B with refuse, Section C should be excavated for cover material. This type of progressive development should take place throughout the landfill site development.
- (7) Details for Section G and the remainder of the plot can be provided at a later date as development proceeds.
- (8) Compaction and covering should take place at least every other day.
- (9) No burning is to be allowed.
- (10) Provide signs showing landfill location and instructions to users.
- (11) Arrangements to maintain the access road should be made.
- (12) Cars should not be included in the landfill operation. In the event they are deposited at the site, store until other appropriate means of disposal are available.









SECTION A-A

CROSS SECTION
 DWN BY: JCP SED SRN
 DATE: 5 FEB 1970
 SCALE: HOR. 1"=100'
 VERT. 1"=20'
 SHEET NO. 4 OF 4

COMMUNITY SOLID WASTE PRACTICES
COMMUNITY DESCRIPTION REPORT

Form Approved
Budget Bureau No. 68-S-67022

1. STATE NC 2. COUNTY Craven 3. COMMUNITY Craven County

4. DOES THE COMMUNITY OPERATE OR EXERCISE JURISDICTION OVER ALL OR ANY PART OF A SOLID WASTE COLLECTION OR DISPOSAL SYSTEM? (Check appropriate categories)

OPERATE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	DISPOSAL	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
EXERCISE JURISDICTION	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

5. IF THE COMMUNITY IS A COUNTY, DISTRICT, OR OTHER POLITICAL JURISDICTION CONTAINING INCORPORATED PLACES, LIST SUCH INCORPORATED PLACES INCLUDED IN THIS COMMUNITY

a. Dover b. Veneloro c. Hawlock

IF ADDITIONAL ENTRIES ARE REQUIRED, CHECK HERE ☒ (31) AND MAKE ADDITIONAL ENTRIES IN ITEM #39.

6. IF THE COMMUNITY IS A COUNTY, DISTRICT, OR OTHER POLITICAL JURISDICTION CONTAINING INCORPORATED PLACES, LIST SUCH INCORPORATED PLACES THAT HAVE BEEN OR WILL BE SURVEYED SEPARATELY

a. New Bern b. c.

IF ADDITIONAL ENTRIES ARE REQUIRED, CHECK HERE ☐ (44) AND MAKE ADDITIONAL ENTRIES IN ITEM #39.

7. POPULATION OF COMMUNITY, 1960 CENSUS. 43056 8. EST. CURRENT POPULATION 41573 9. TOTAL AREA OF COMMUNITY (Sq. miles) 722.3

10. WHICH PLANNING AGENCIES INCLUDE SOLID WASTES AS PART OF THEIR COMPREHENSIVE PLANNING? (Check all appropriate categories)

63 ☒ NO AGENCY 64 ☐ LOCAL 65 ☐ COUNTY 66 ☐ REGIONAL

S T O R A G E	11. LEGISLATIVE-ADMINISTRATIVE REGULATIONS GOVERNING ON-SITE STORAGE (Check appropriate categories)								Do not use	12. LEGISLATIVE-ADMINISTRATIVE REGULATIONS FOR ON-SITE STORAGE ENFORCED PRINCIPALLY BY (Check one only)	
	SOURCE	GARBAGE				OTHER REFUSE					
		REGULATIONS		ENFORCED		REGULATIONS		ENFORCED			
		YES	NO	YES	NO	YES	NO	YES			NO
	HOUSEHOLD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
	COMMERCIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
INDUSTRIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
AGRICULTURAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
INSTITUTIONAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
									<input checked="" type="checkbox"/> NO ENFORCEMENT <input type="checkbox"/> OPERATIONAL AUTHORITY <input type="checkbox"/> POLICE <input type="checkbox"/> HEALTH AUTHORITY <input type="checkbox"/> OTHER (Specify)		

C O L L E C T I O N	13. SUPERVISION FOR WORK PERFORMANCE OF PRIVATE COLLECTORS PROVIDED PRIMARILY BY (Check one only)				15. CLASSES OF HOUSEHOLD REFUSE NOT COLLECTED (Check appropriate categories)	16. HOUSEHOLD REFUSE COLLECTION FREQ.			
	<input type="checkbox"/> NONE <input checked="" type="checkbox"/> HEALTH DEPARTMENT <input type="checkbox"/> PUBLIC WORKS DEPARTMENT <input type="checkbox"/> OTHER (Specify)					TYPES OF REFUSE COLLECTED SEPARATELY COMBINED COL- LECTION GARBAGE RUBBISH YARD REFUSE ASHES COMBUSTIBLES NON-COMBUSTIBLES BULKY ITEMS (Refrigerators, etc.) OTHER (Specify)			
	14. COLLECTION WORK PERFORMED BY (Estimate to nearest 10% volume for each type of refuse. Rows should add horizontally to 100%)								
	SOURCE	PUBLIC AGENCY	PRIVATE COLLECTOR	INDIVIDUAL					
	HOUSEHOLD	<u>10</u>	<u>20</u>	<u>70</u>					
	COMMERCIAL	<u>10</u>	<u>20</u>	<u>70</u>					
	INDUSTRIAL		<u>10</u>	<u>90</u>					
	INSTITUTIONAL	<u>60</u>	<u>20</u>	<u>20</u>					
	DEAD ANIMALS			<u>100</u>					
	ABANDONED VEHICLES			<u>100</u>					

COMMUNITY DESCRIPTION REPORT (Page 2)

<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>17. DEAD ANIMALS COLLECTED ANNUALLY</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>LARGE ANIMALS</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> </div> <p>65 66 67</p> </div> <div style="width: 45%;"> <p>SMALL ANIMALS</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> <div style="width: 20px; height: 20px; border: 1px solid black;"></div> </div> <p>69 70 71 72 73 74</p> </div> </div> <div style="width: 50%;"> <p>FIGURES AT LEFT REFER TO</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NUMBER OF ANIMALS</th> <th>TONS OF ANIMALS</th> <th>ARE THESE FIGURES ESTIMATES?</th> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> YES</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> NO</td> </tr> </table> </div> </div> </div> <div style="width: 50%;"> <p>18. NUMBER OF ABANDONED VEHICLES COLLECTED ANNUALLY</p> <p>(Enter number) </p> <p>76 77 78 79 80</p> </div>										NUMBER OF ANIMALS	TONS OF ANIMALS	ARE THESE FIGURES ESTIMATES?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> YES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NO	<p>19. AVERAGE MANPOWER (MAN-YEARS) AND EQUIPMENT USED FOR COLLECTING COMMUNITY SOLID WASTES</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 10%;">0</div> <div style="width: 10%;">3</div> </div>																																																				
										NUMBER OF ANIMALS	TONS OF ANIMALS	ARE THESE FIGURES ESTIMATES?																																																											
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> YES																																																																					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NO																																																																					
<p>SOURCES OF WASTES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2"></th> <th colspan="4">HOUSEHOLD COMMERCIAL INSTITUTIONAL</th> <th colspan="4">STREET CLEANING</th> <th colspan="4">INDUSTRIAL</th> </tr> <tr> <th>15</th><th>16</th><th>17</th><th>18</th> <th>19</th><th>20</th><th>21</th><th>22</th> <th>23</th><th>24</th><th>25</th> </tr> <tr> <td>COLLECTORS AND DRIVERS (Man-years)</td> <td></td><td></td><td></td><td>8</td> <td></td><td></td><td></td><td>1</td> <td></td><td></td><td></td> </tr> <tr> <td>COMPACTOR TRUCKS (Number)</td> <td></td><td></td><td></td><td>3</td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td> </tr> <tr> <td>OTHER VEHICLES (Number)</td> <td></td><td></td><td></td><td>3</td> <td></td><td></td><td></td><td>1</td> <td></td><td></td><td></td> </tr> </table>											HOUSEHOLD COMMERCIAL INSTITUTIONAL				STREET CLEANING				INDUSTRIAL				15	16	17	18	19	20	21	22	23	24	25	COLLECTORS AND DRIVERS (Man-years)				8				1				COMPACTOR TRUCKS (Number)				3								OTHER VEHICLES (Number)				3				1				13 14	
	HOUSEHOLD COMMERCIAL INSTITUTIONAL				STREET CLEANING				INDUSTRIAL																																																														
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COMPACTOR TRUCKS (Number)				3																																																																			
OTHER VEHICLES (Number)				3				1																																																															

<p>20. INDICATE AMOUNTS (MEASURED OR ESTIMATED) OF COMMUNITY SOLID WASTES COLLECTED ANNUALLY</p>																																															
CLASSIFICATION		MEASURED																ESTIMATED																TONS		YARDS											
REFUSE (Household)		0 4																																		<input type="checkbox"/>		<input type="checkbox"/>		29							
REFUSE (Commercial)																																				<input type="checkbox"/>		<input type="checkbox"/>		44							
REFUSE (Combined household and commercial)																				135480																<input type="checkbox"/>		<input checked="" type="checkbox"/>		59							
REFUSE (Industrial)		0 5																																		<input type="checkbox"/>		<input type="checkbox"/>		74							
REFUSE (Agricultural)		13 14																																		<input type="checkbox"/>		<input type="checkbox"/>		29							
REFUSE (Institutional)																																				<input type="checkbox"/>		<input type="checkbox"/>		42							
DEMOLITION AND CONSTRUCTION REFUSE																																				<input type="checkbox"/>		<input type="checkbox"/>		55							
STREET AND ALLEY CLEANINGS																																				<input type="checkbox"/>		<input type="checkbox"/>		66							
TREE AND LANDSCAPING REFUSE																																				<input type="checkbox"/>		<input type="checkbox"/>		77							
PARK AND BEACH REFUSE		0 6																																		<input type="checkbox"/>		<input type="checkbox"/>		25							
CATCH BASIN REFUSE																																				<input type="checkbox"/>		<input type="checkbox"/>		36							
SEWAGE TREATMENT PLANT SOLIDS AND PUMPING STATION CLEANINGS																																				<input type="checkbox"/>		<input type="checkbox"/>		47							

<p>D I S P O S A L</p>	<p>21. AGENCY PRIMARILY RESPONSIBLE FOR RECOMMENDATIONS FOR LOCATION AND DEVELOPMENT OF NEW DISPOSAL SITES OR FACILITIES (Check one only)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> NONE <input type="checkbox"/> OPERATIONAL AUTHORITY </div> <div style="width: 50%;"> <input type="checkbox"/> HEALTH AUTHORITY <input type="checkbox"/> OTHER (Specify) _____ </div> </div>																																													48
	<p>22. AGENCY PRIMARILY RESPONSIBLE FOR REGULATION OF DISPOSAL FACILITY OPERATIONS (Check one only)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> NONE <input checked="" type="checkbox"/> OPERATIONAL AUTHORITY </div> <div style="width: 50%;"> <input type="checkbox"/> POLICE <input type="checkbox"/> HEALTH AUTHORITY <input type="checkbox"/> OTHER (Specify) _____ </div> </div>																																													49
	<p>23. IS ON-SITE OPEN BURNING OF DEMOLITION, CONSTRUCTION, AND/OR LAND CLEARANCE WASTES . . .</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PRACTICED?</p> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> <div style="width: 50%;"> <p>REGULATED?</p> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>																																													50 51
	<p>24. IS BACKYARD BURNING OF HOUSEHOLD REFUSE . . .</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PRACTICED?</p> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> <div style="width: 50%;"> <p>REGULATED?</p> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>																																													52 53
	<p>25. IS ON-SITE OPEN BURNING OF COMMERCIAL, INSTITUTIONAL, INDUSTRIAL AND/OR AGRICULTURAL WASTES . . .</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PRACTICED?</p> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> <div style="width: 50%;"> <p>REGULATED?</p> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>																																													54 55

COMMUNITY DESCRIPTION REPORT (PAGE 3)

D I S P O S A L	26. INDICATE BELOW THE NUMBER OF REDUCTION AND/OR DISPOSAL SITES UTILIZED BY THE COMMUNITY'S PUBLIC COLLECTORS, PRIVATE COLLECTORS AND/OR INDIVIDUAL HAULERS (Enter Numbers)				28. USE OF COMPLETED LAND DISPOSAL SITES <i>(List no. of sites in each category as applicable)</i>				29. NUMBER OF PROMISCUOUS DUMPS WITHIN THE COMMUNITY'S BOUNDARIES KNOWN TO BE ACTIVE (Enter Number) 42 43 * IF INFORMATION IS NOT AVAILABLE, CHECK HERE <input type="checkbox"/>			
	SITES		PUBLICLY OPERATED		PRIVATELY OPERATED		COMPLETED SITE USE		NUMBER			
	LAND DISPOSAL SITES		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div> 3		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		RECREATIONAL AREA OR PARK		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 21 22			
	INCINERATORS		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		PARKING LOT		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 23 24			
	TRANSFER STATIONS		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		LIGHT CONSTRUCTION		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 25 26			
	HOG FEEDING LOTS		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		HEAVY CONSTRUCTION		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 27 28			
	COMPOST PLANTS		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		AGRICULTURE		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 29 30			
	TEPEE BURNERS		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		NO SPECIFIC USE		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 31 32			
	OTHER (Specify)		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		OTHER (Specify)		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 33 34			
			<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		OTHER (Specify)		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 35 36			
		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		OTHER (Specify)		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 37 38				
		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		OTHER (Specify)		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 39 40				
		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		OTHER (Specify)		<div style="border: 1px solid black; width: 20px; height: 20px;"></div> 41 42				
		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>								
		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>								
		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>								
		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>		<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>								
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COMMUNITY DESCRIPTION REPORT (Page 4)

37. NAME AND TITLE OF PERSON COMPLETING FORM <i>Fred J. Wood</i> <i>Scoutmaster II</i>	ORGANIZATION AND ADDRESS <i>N.P. State Board of Education</i>	DATE OF SURVEY <table style="width:100%; text-align: center;"> <tr> <td>DAY</td> <td>MONTH</td> <td>YEAR</td> </tr> <tr> <td><div style="border: 1px solid black; padding: 2px 5px;">7</div></td> <td><div style="border: 1px solid black; padding: 2px 5px;">3</div></td> <td><div style="border: 1px solid black; padding: 2px 5px;">68</div></td> </tr> <tr> <td>66 67</td> <td>68 69</td> <td>70 71</td> </tr> </table>	DAY	MONTH	YEAR	<div style="border: 1px solid black; padding: 2px 5px;">7</div>	<div style="border: 1px solid black; padding: 2px 5px;">3</div>	<div style="border: 1px solid black; padding: 2px 5px;">68</div>	66 67	68 69	70 71
DAY	MONTH	YEAR									
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66 67	68 69	70 71									

38. IF SOURCES OTHER THAN REPORTER DESIGNATED IN ITEM 37 WERE UTILIZED IN COMPLETING THIS FORM, INDICATE BELOW THE SOURCES USED AND ITEM NUMBER(S)

D A T A S O U R C E S	NAME OF PERSON	TITLE	ORGANIZATION	ITEM NUMBER(S)
	<i>Alton Harris</i>	<i>Scoutmaster Supervisor</i>	<i>Orion Co. North Dist</i>	

39. CONTINUATION ITEMS

ITEM NO.	ADDITIONAL INFORMATION
<i>5</i>	<i>Bridgton. 0610</i>
<i>29</i>	<i>over twelve hundred refuse dumps were found on a recent survey</i>

40. REMARKS (Attach additional sheet if necessary)

**SUMMARY OF SOLID WASTE COLLECTION
& DISPOSAL SURVEY DATA
CRAVEN COUNTY**

Total Population: 61,639
Urban: 21,590 Rural: 39,749

Total Area (sq.mi.) 725
Date Compiled: 3 - 63

UNIT	AREA (sq.mi.)	POPULATION	QUANTITY PER ANNUM (tons)	TOTAL EXPENDI- TURES	COLLECTION						DISPOSAL					SEE NOTE NO.
					BY	NO. OF MEN	NO. OF TRUCKS		FREQUENCY		BY	NO. OF MEN	EQUIPMENT		USABLE ACRES	
							COMP.	OTHER	RES.	COMM.			NO.	TYPE		
New Bern	2.7	18,000	49,086	138.000	PA	31	9	3	2 PW	5 PW	OD	1	1	Loader	115	1
Weneshorn		806	2,073		PA						OD	0	0		3	
Lavelock		2,433	3,386		PA						OD	0	0		1	
Lowndes		651	1,129		PA						OD	0	0		1	
Craven County		27,427	10,285		No Collection or Disposal											

NOTES:

1. This site receives the waste from the town of Bridgeton and 21% of Craven County.

PA - Public Agency

PC - Private Collector

SL - Sanitary Landfill

OD - Open Dump

Total Population: <u>61,639</u> Urban: <u>21,890</u> Rural: <u>39,749</u>		SUMMARY OF SOLID WASTE COLLECTION & DISPOSAL SURVEY DATA <u>CRAVEN COUNTY</u>	Total Area (sq.mi.) <u>725</u> Date Compiled: <u>3 - 63</u>
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Total Population: 61,639
Urban: 21,840 Rural: 39,749

Date Compiled: 3 - 68

Urban: 21,890 Rural: 39,749

[illegible]

NOTES:

1. This site receives the waste from the town of Bridgeton and 21% of Craven County.

PA - Public Agency

PC - Private Collector

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00 - Open Dump

**SUMMARY OF SOLID WASTE COLLECTION
& DISPOSAL SURVEY DATA**
CRAVEN COUNTY

Total Population: 61,639
Urban: 21,390 Rural: 39,749

Total Area (sq.mi.) 725
Date Compiled: 3-63

UNIT	AREA (sq.mi.)	POPULATION	QUANTITY PER ANNUM (tons)	TOTAL EXPENDI- TURES	COLLECTION						DISPOSAL					SEE NOTE NO.
					BY	NO. OF MEN	NO. OF TRUCKS		FREQUENCY		BY	NO. OF MEN	EQUIPMENT		USABLE ACRES	
							COMP.	OTHER	RES.	COMM.			NO.	TYPE		
Law Barn	2.7	18,000	49,086	138,000	PA	31	9	3	2 PW	5 PW	OD	1	1	Loader	115	1
Vandenberg		806	2,073		PA						OD	0	0		3	
Lavelle, K		2,433	3,386		PA						OD	0	0		1	
Lawson		651	1,129		PA						OD	0	0		1	
Craven County		27,427	10,285		No Collection or Disposal											

NOTES:

1. This site receives the waste from the town of Bridgeton and 21% of Craven County.

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STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Solid Waste Disposal Survey

Place visited Craven County Date March 30, 19 61
Address Craven County Health Department, New Bern, N. C. Time spent 7 days
By whom D. F. Ashton, Fred J. Wood
Persons contacted Dr. W. A. Browne, Health Director; Mr. A. D. Harris, San. Supervisor
(Owner, agent tenant, manager, other)
Reason for visit Request of Craven County Health Department
Copies to: Dr. W. A. Browne

REPORT: At the request of the Craven County Health Department, personnel of the State Board of Health assisted the County Health Department in making a survey to determine the refuse collection and disposal problem in Craven County.

Collection Service. At the present time, a refuse collection service is available for the City of New Bern, the Towns of Havelock, Bridgeton, Cove City, Vanceboro, and Dover. There is no collection service available at Fort Barnwell. In New Bern, Havelock, and Bridgeton residential collection is on a schedule of twice a week, while the other communities are limited to one collection per week.

There are eleven contract collectors operating in Craven County with an estimated 1808 customers or serving approximately 7200 people leaving a balance in the county of 39,000 who subscribe to no service at the present time. The contract collectors are operating in the area around New Bern, Bridgeton, and Havelock leaving a considerable part of the rural area with no service.

Disposal. The City of New Bern operates a sanitary landfill and has allowed some of the contract haulers operating adjacent to New Bern to dispose of their refuse at this site. It is understood that the contract collectors use the New Bern sanitary landfill on a fee basis.

The Towns of Havelock, Vanceboro, and Dover dispose of their refuse in open

dumps, but it is understood that the Town of Havelock is making arrangements for the operation of a sanitary landfill.

The survey throughout Craven County shows that there are at least 1,194 dumps along the roads in the county. These garbage dumps are classified into three categories according to the estimated accumulation at each site. These classifications are those areas with less than one cubic yard but not including a single bag or box of garbage, one to two cubic yards, and two cubic yards or more. Seven hundred four (704) or 59% of these were in the first category, 262 or 22% were in the second category, 228 or 19% were in the third category. All disposal areas are spotted on the attached map according to the coded symbol shown on the map.

At the present time, it is estimated that solid waste production in the United States is at the rate of 4.5 pounds per capita per day. At this rate the total solid waste production in Craven County is 148 tons per day or 54,020 tons annually. With 71% of the county population residing in the rural areas of the county, there is a total of 38,325 tons annually that is to be collected and disposed of in the county. In those areas that a contract collection service is available, it is apparent from this survey that there is a considerable number of residents that do not subscribe to this service either due to financial or other reasons. In those areas where no service is available, it is very evident that the refuse is being disposed of in the manner most convenient to each individual which is usually along the roads or other areas throughout the county.

Recommendations

In order to improve the collection and disposal of solid wastes in Craven County, it is recommended that:

1. The Craven County Board of Health adopt the ordinance "Rules and Regulations Governing the Storage, Collection, Transporting, and Disposal of Refuse in Craven County" (copy attached). In addition, the Craven County Board of Commissioners utilizing the authority granted under Article 22, G.S. 153-272 to 275 to compliment the Board of

Health Ordinance in the collection and disposal of solid waste (copy attached).

2. At least six additional landfill sites be spotted as shown on the attached map that would be available for use by the residents and contract haulers that serve those areas. This survey indicated that there has already been a tendency in some of these communities to utilize a common dumping area. These areas might prove advantageous for use as sanitary landfills for those specific communities.

3. The local health department be provided funds for employing one man for the purpose of promoting and conducting the solid waste control program. The duties of this employee shall be to publicize, promote, supervise, and approve solid waste collection and disposal programs in the county. This employee shall solicit the assistance of law enforcement personnel to apprehend and prosecute violators of solid waste disposal ordinances.

4. In those cases where individuals permit the use of their land for solid waste disposal, it shall be the responsibility of those individuals to operate a landfill or arrange for the use of the property by the county for that purpose.

5. All solid waste disposal sites in Craven County shall be operated as sanitary landfills in accordance with the North Carolina State Board of Health Special Bulletin 479, "Refuse Disposal by Sanitary Landfill."

The North Carolina State Board of Health will be glad to provide consultation services through the local health department.

3/30/67

Craven County: Population: 66,000

1. New Bern 16,000

2. Havelock 2400

3. Vanceboro 800

Total 19000

Total population 66000

Urban " 19000

Rural " 47,000

Total daily production = $\frac{66,000 \times 4.5}{3000} = 148 \text{ tons/day}$

Total annual production = $365 \times 148 = 54080 \text{ tons/yr}$

Total ^{daily} urban production = $\frac{19,000 \times 4.5}{2000} = 43 \text{ tons/day}$

Total annual production = $365 \times 43 = 15695 \text{ tons/year}$

Total daily rural production = $\frac{47,000 \times 4.5}{2000} = 105 \text{ tons}$

" annual rural " = $105 \times 365 = 38325 \text{ tons/yr}$

% Rural population = $\frac{47000}{66000} \times 100 = 71\%$

% Urban " = $\frac{19000}{66000} \times 100 = 29\%$

FOR THE CRAVEN COUNTY COMMISSIONERS
REVIEW AND EVALUATION OF THE CRAVEN COUNTY SOLID WASTE PROGRAM AS REQUESTED

FINDINGS:

Recent evaluation of the Craven County Solid Waste Control Program reveals that the program is in serious need of updating and increasing its potential to deal with the high volumes of waste and types of waste being deposited at the waste collection sites.

At present there are 186 containers (green boxes) located at 89 sites throughout Craven County. The design of the program was to provide ample containers at each site to accommodate the household type waste from the areas to be served. The container sites were to be located at convenient locations throughout the county. Waste products other than general household waste such as appliances, furniture, building materials, vehicle parts and other items that could damage the packer trucks were to be transported by the owner to the Sanitary Landfill nearest his location. At present almost any conceivable item one can think of is being deposited at the container sites. In numerous instances waste is not being put inside the containers, instead, it is being pitched out on the ground where dogs, scavengers, and the wind further scatter the waste all over the area. This has seriously slowed the operation of the packer truck and its crew and in many instances has caused

criticism of the program by the general public and owners of the container sites. Several sites have had to be moved at considerable expense because of this very problem. In many instances recently, container sites that should have been serviced and policed in approximately 15 minutes, took over three hours each to clean up the small items. After this time investment, several sites had to be revisited by the dump truck to pick up large bulky items. Needless to say, this "waste" of time is very costly to the County and seriously affects the efficiency of the Solid Waste Program.

As I am sure you are aware, one of the packer trucks has had nine transmission failures during 1974. At an average cost of \$1,000.00 to rebuild these transmissions, this means an expenditure of \$9,000.00 not considering the time lost and the ultimate effect on the program. All efforts to find a solution to this problem so far have failed; however, this is not just a problem to Craven County, but to numerous counties throughout the state using this type of transmissions. These excessive failures of the equipment has also placed undue stress on the remaining equipment, resulting in inadequate time for regularly scheduled thorough maintenance. If this continues the good equipment could become inoperative.

It is generally agreed that the tracked equipment on the Sanitary Landfills has a reasonable maintenance life of five years, after that repair costs are no longer economically feasible. Therefore, would recommend having the tracked equipment evaluated by an expert in that field for guidance in considering its proper replacement time.

RECOMMENDATIONS:

In view of the above and other findings the following is recommended as corrective action:

1. Most importantly, the Ordinance requiring that household type refuse be put inside the containers at the container sites and that other larger items such as appliances, building materials, and ectra, be carried to the Sanitary Landfill site by the owner should be enforced. The current situation is creating an impossible burden on the program efficiency and unnecessary expense to the County. All county refuse control programs that I am familiar with enforce these requirements and in most instances, the enforcement is through the County Sheriff's Department. It is my opinion that once a few arrests have been made most of the citizens will cooperate and give the program their support.
2. Considering the number of container sites, the volume of refuse, and the size of the county, an additional packer truck is certainly justifiable. Also a third truck would help assure at least two trucks being operative at all times, which is absolutely necessary for the minimum service of the program. This would also relieve some of the strain on the present vehicles and allow more time for proper scheduled maintenance.

3. The present situation which requires that the packer truck crew stop and clean each site is inefficient and an economic burden to the County. Recommend the flat bed dump body truck be equipped with a power winch for lifting heavy items and a crew of two men be placed on the truck to clean the sites and remove large bulky items to the Sanitary Landfill. When these men and truck are not busy with the above, they can be utilized to transport dirt for cover material at the two Sanitary Landfill sites, to steam clean, repaint and repair containers, and keep up container sites.
4. A program this size needs a well trained and qualified mechanic. However, the shop needs equipment and tools to effectively perform maintenance. True, the driver can and should perform many items of maintenance on his vehicle; however, there is a great deal of maintenance that should be performed by a qualified mechanic. This type of maintenance done by lesser qualified personnel will eventually cost more than proper maintenance. The use of the program supervisor to perform shop maintenance is unwise and costly to the total program.
5. An effective communication system is all but mandatory for the effective operation of this program. Radios for the packer trucks and the supervisor's truck with a base station at the Vanceboro Sanitary Landfill was

in the original recommendations for the program. There has been several instances where a vehicle has been broken down as much as four hours before the driver could get in touch with the supervisor for assistance and start corrective procedures.

6. The supervisor's truck is worn out and badly needs replacing. Recommend the present truck be used by the mechanic for road service to vehicles and mechanical type maintenance on containers at container sites.

FURTHER CONSIDERATIONS:

At present there are four container sites that have outgrown the use of the "green box" type system. These sites are located north of Bridgeton, James City, Pembroke, and west of New Bern. Also, there are a few areas that more containers could be effectively utilized, and a few areas of the county that could be more effectively covered by container sites to maximize convenience to the citizenry.

The most commonly used approach, and possibly the most economical solution to these over-used sites, is the 40 cubic yard roll off type container system. This system not only has the ability to accommodate large quantities of household type waste, but can also accommodate the large bulky items, such as, appliances, building materials, and ectra, without damage to the equipment.

The Hickman Hill Sanitary Landfill site has at the present use rate approximately four more years of effective use. The county soil maps and surveys indicate that additional land in the eastern part of the county will not meet the present day requirements for a new sanitary landfill. However, a population survey, geographic conditions, and travel distances make it almost mandatory that some type of relief be provided for the citizens in that area. The most logical solution to this problem would be the installation of a transfer station to collect the refuse from that area and transfer same to the Vanceboro Sanitary Landfill for disposal. Recent independent studies have indicated that the operation of a transfer station is considerably cheaper than operating a sanitary landfill.

Considering the above and that one of our 955 tracked, front-end loaders will be five years old in May of this year and possibly should be traded in on a new one, it would be advisable to consider the economic feasibility of converting to a transfer station in the near future.

Respectfully Submitted,

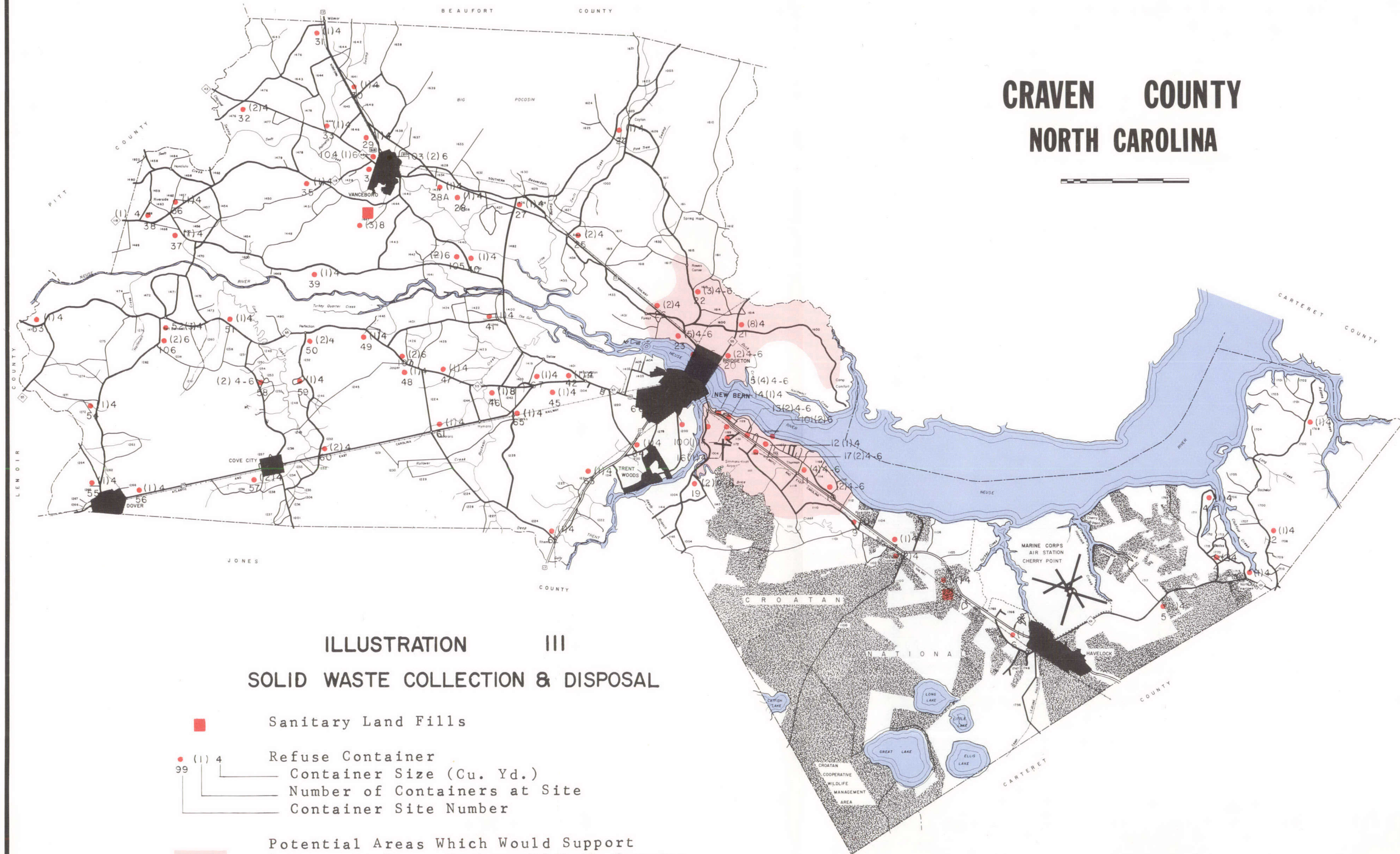


A. D. Harris, R. S.

Supervisor

Division of Environmental Health
Craven County Health Department

CRAVEN COUNTY NORTH CAROLINA

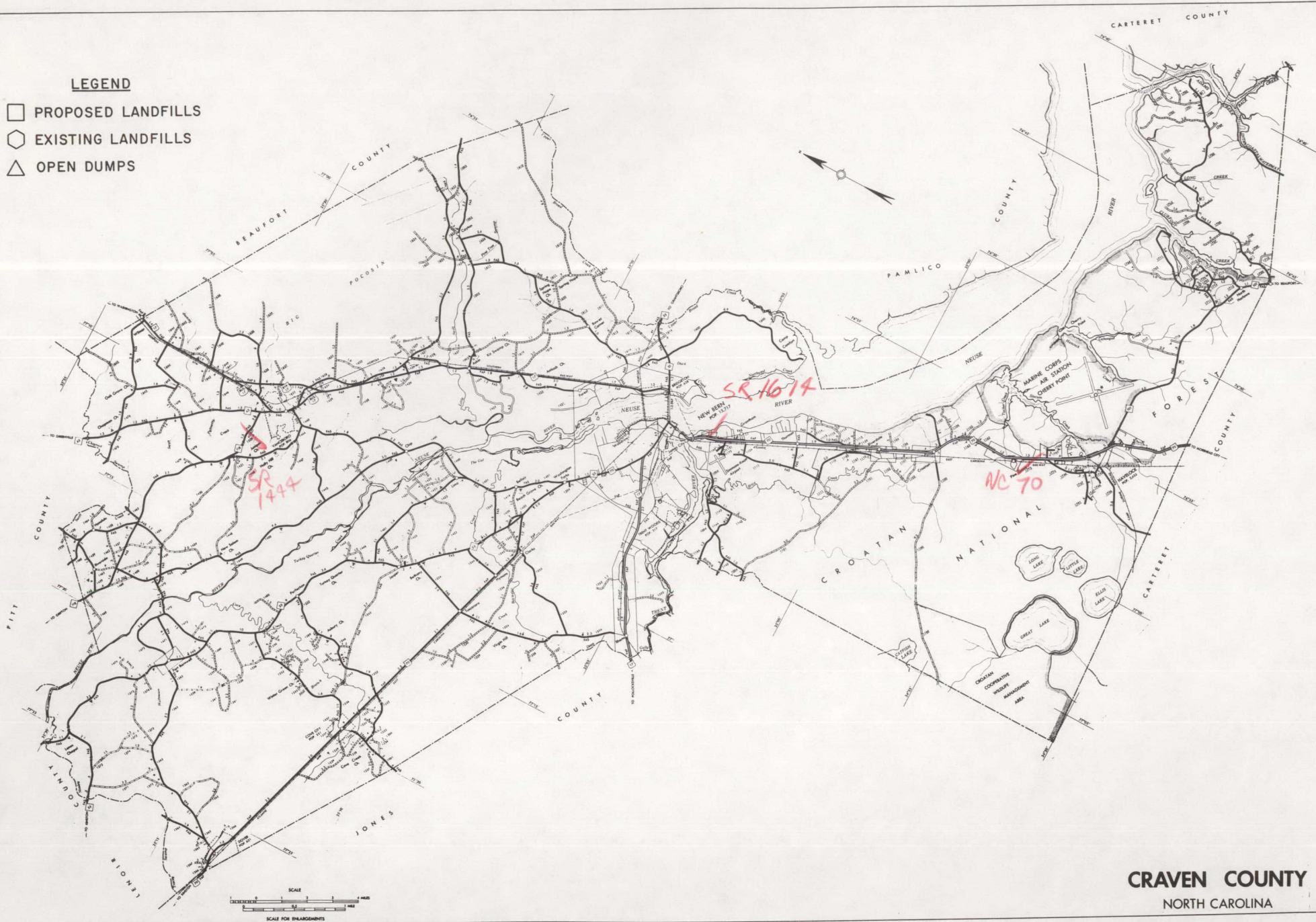


**ILLUSTRATION III
SOLID WASTE COLLECTION & DISPOSAL**

- Sanitary Land Fills
- (1) 4
99 — Refuse Container
Container Size (Cu. Yd.)
Number of Containers at Site
Container Site Number
- Potential Areas Which Would Support
A House to House Garbage Pick-Up Service

LEGEND

- PROPOSED LANDFILLS
- EXISTING LANDFILLS
- △ OPEN DUMPS



CRAVEN COUNTY
NORTH CAROLINA

SOLID WASTE PROGRAM

I. TRUCK ROUTE

Start at Vanceboro Sanitary Landfill

Vanceboro to New Bern on Highway 17 North and from Neuse River back around Vanceboro.

33 Stops (container sites)
54 Containers

II. TRUCK ROUTE

Start at Vanceboro Sanitary Landfill

West part of county into New Bern and back through Cove City into Dover and through Ft. Barnwell and back to Vanceboro.

32 Stops (container sites)
49 Containers

III. TRUCK ROUTE

Start at Vanceboro Sanitary Landfill

Begin route at James City and down old 70 East into Hickman Hill Sanitary Landfill - through Havelock and down into Harlowe and back into Hickman Hill Sanitary Landfill and up Highway 70 East into New Bern and back to home base, Vanceboro Sanitary Landfill.

36 Stops (container sites)
63 Containers

Howard Dudley
Supervisor
Solid Waste Program

Hickman Hills

517 tons per w.

11284 " per year

Friday harvest day 62 tons

Sat. count 18 tons.

Donubos.

387 tons per w.

15964 tons per year

Friday Mkt - 96 tons

Sat. count. 19 tons.

City of New Bern

227 tons per w.

11792 tons per year.

Mkt day 80 tons.

Total waste 39048 tons

242 lb per cu yd. Thompson

$$\begin{array}{r} 18 \overline{) 4360} \\ \underline{36} \\ 76 \\ \underline{72} \\ 40 \end{array}$$

205 lb per cu yd. Each.

$$\begin{array}{r} 50 \overline{) 4115} \\ \underline{40} \\ 115 \end{array}$$

158 lb per cu yd. Broadway

$$\begin{array}{r} 53 \overline{) 3636} \\ \underline{23} \\ 133 \\ \underline{118} \\ 186 \\ \underline{184} \\ 2 \end{array}$$

588 lb per cu yd. Broadway (night trip)

$$\begin{array}{r} 53 \overline{) 13530} \\ \underline{115} \\ 203 \\ \underline{184} \\ 190 \end{array}$$

227 tons per week.

5000

$$\begin{array}{r} \overline{) 463540} \\ \underline{4000} \\ 5354 \\ \underline{4000} \\ 13540 \end{array}$$

$$\begin{array}{r} 57 \\ 4 \overline{) 227} \\ \underline{20} \\ 27 \end{array}$$

$$\begin{array}{r} 18 \\ 4 \\ \hline 72 \end{array}$$

234-685

City Goldsboro Transfer Station. (65 yd Station)

Compactor unit \$16,165

Hopper 1,268.25

Tractor 26,013.74

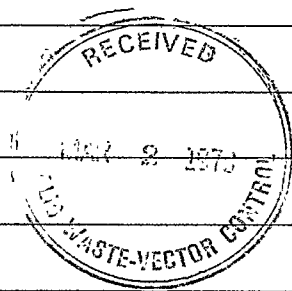
Trailer (2) 34,700

Total \$78,146.99

Construction cost, landscaping, fences etc

\$88,554.00

Total \$166,700.99



$$\begin{array}{r}
 25140 \\
 17184 \\
 \hline
 7956
 \end{array}$$

$$\begin{array}{r}
 20784 \\
 17184 \\
 \hline
 3600
 \end{array}$$

$$\begin{array}{r}
 20784 \\
 18885 \\
 \hline
 1896
 \end{array}$$

$$\begin{array}{r}
 17184 \\
 16236 \\
 \hline
 948
 \end{array}$$

1 4 1.7 5
1 8 9.0 0
8 0.0 0
8 4.0 0
4 9 4.7 5 T

2 0 0.0 0
8 0.0 0
2 4.0 0
1 4 1.7 5
1 8 9.0 0
3 0.0 0
8 4.0 0
9 8.9 5
1 0 0.0 0
9 9 7.7 0 T

1 3 0.0 0
1 1 4.0 0
1 1 7.0 0
1 6.0 0
2 0.0 0
1.1 0
2 0.0 0
4 1 8.1 0 T

T

7.5 8
5.2 0
5.9 5
5 2.9 3
1 4 6.6 0
2 1 8.0 6 T

T

8 8 7.1 2
9 2 1.2 4
3 4 0.3 0
7 6 5.2 7
1,2 3 3.4 4
1 9 1.9 9
4.3 3 9.3 6 T

217
11284
~~12000~~
~~123501~~
1,2 6 3.4 6
6 1 5.5 3
9 2 7.7 1
1,0 3 2.1 7
1,9 1 1.2 4
3 7 7.9 8

307 ~~200~~ 1 2 8.0 9 T
15964 ~~600~~
613 409

Hickman Hills Landfill

May 3, 1976 Monday	88,712 lbs.
May 4, 1976 Tuesday	92,124 "
May 5, 1976 Wednesday	34,030 "
May 6, 1976 Thursday	76,527 "
May 7, 1976 Friday	123,344 "
May 8, 1976 Saturday	19,199 "
Total	433,936 lbs. =
May day - 62 tons	217 tons/w. =
	11284 tons/y

Vanderboro Landfill

May 3, 1976 Monday	126,346 lbs.
May 4, 1976 Tuesday	61,553 "
May 5, 1976 Wednesday	92,771 "
May 6, 1976 Thursday	103,817 "
May 7, 1976 Friday	191,124 "
May 8, 1976 Saturday	37,798 "
Total	613,409 lbs.
May. day 96 tons	307 tons/w.
	15964 tons/y

City of New Bern Landfill

~~453,540~~
~~23,584,080~~
 23,584,080 lbs of waste per year =

City of New Bern landfill

453,540 lb of waste/w = 227 tons/w
23,584,080 lb of waste/y = 11,792 tons/y

Max day est. 80 tons.

Totals

Hickman Hills	11,284 tons/y
Jonesboro	15,964 tons/y
City of New Bern	11,792 tons/y
Total	39,040 tons/y